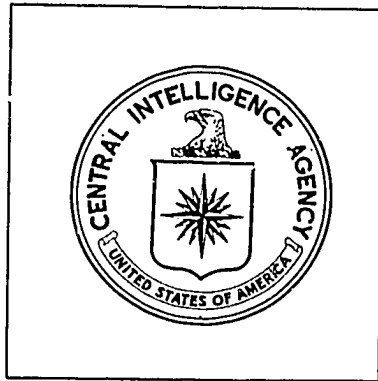


Approved For Release 2000/09/14 : CIA-RDP85-00375R000500200010-9  
CIA OER IH 73-2 ECONOMIC INTELL. STATISTICAL HB  
CONF. JUL. 73 01 of 02

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# Economic Intelligence Statistical Handbook 1973

**Confidential**

H 73-2  
July 1973

## WARNING

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*Economic Intelligence  
Statistical Handbook  
1973*

This handbook was produced solely by the Central Intelligence Agency. It was prepared by the Office of Economic Research. Comments and queries regarding this handbook are welcomed. They may be directed to John Shulo, Code 143, Extension 7234.

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## FOREWORD

1. *Purpose and Scope*

The *Economic Intelligence Statistical Handbook*, 1973 provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1965, 1970, and 1972. A summary table is presented for the United States, Japan, the European Community, the USSR, and China. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table.

2. *Rounding of the Totals*

The totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation, and, because of rounding, components may not add to the totals shown. Totals are not presented if missing data are believed to represent a significant part of the total.

3. *Symbols*

The abbreviation N.A. (*not available*) is used when information about the existence of the data or the magnitude of the data are not available, and the abbreviation Negl. (*negligible*) is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

4. *Classification of Data*

The overall classification of the *Handbook* is CONFIDENTIAL. The classified data are indicated by an asterisk (\*). Tables in which all of the data are classified have been identified accordingly. *Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this Handbook.*

5. *Sources*

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries, or are estimates of this Office.

6. *Terms*

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Iceland, Liechtenstein, Norway, Sweden, Switzerland, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *Organization for Economic Cooperation and Development* includes Greece, Portugal, Spain, Turkey, and all the developed countries, except Liechtenstein, New Zealand, and South Africa. The term *less developed countries* includes the following non-Communist countries: (1) all countries of Africa except the Republic of South Africa, (2) all countries of East Asia except Japan, (3) Portugal and Spain in Europe, (4) all countries in Latin America, and (5) all countries in the Middle East and South Asia.

As far as possible, production data for the Saar have been included in the data for West Germany for all years, unless otherwise indicated. Totals for the country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

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## Where You Will Find Statistics On . . .

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Canada  
Sweden  
United States

**\$1,701-\$4,500**

Australia  
Austria  
Bahama Islands  
Belgium  
Bermuda  
Czechoslovakia  
Denmark  
East Germany  
Faeroe Islands  
Finland  
France  
Iceland  
Ireland  
Israel  
Italy  
Japan  
Kuwait  
Libya  
Liechtenstein  
Luxembourg  
Monaco  
Nauru  
Netherlands  
New Caledonia  
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Qatar  
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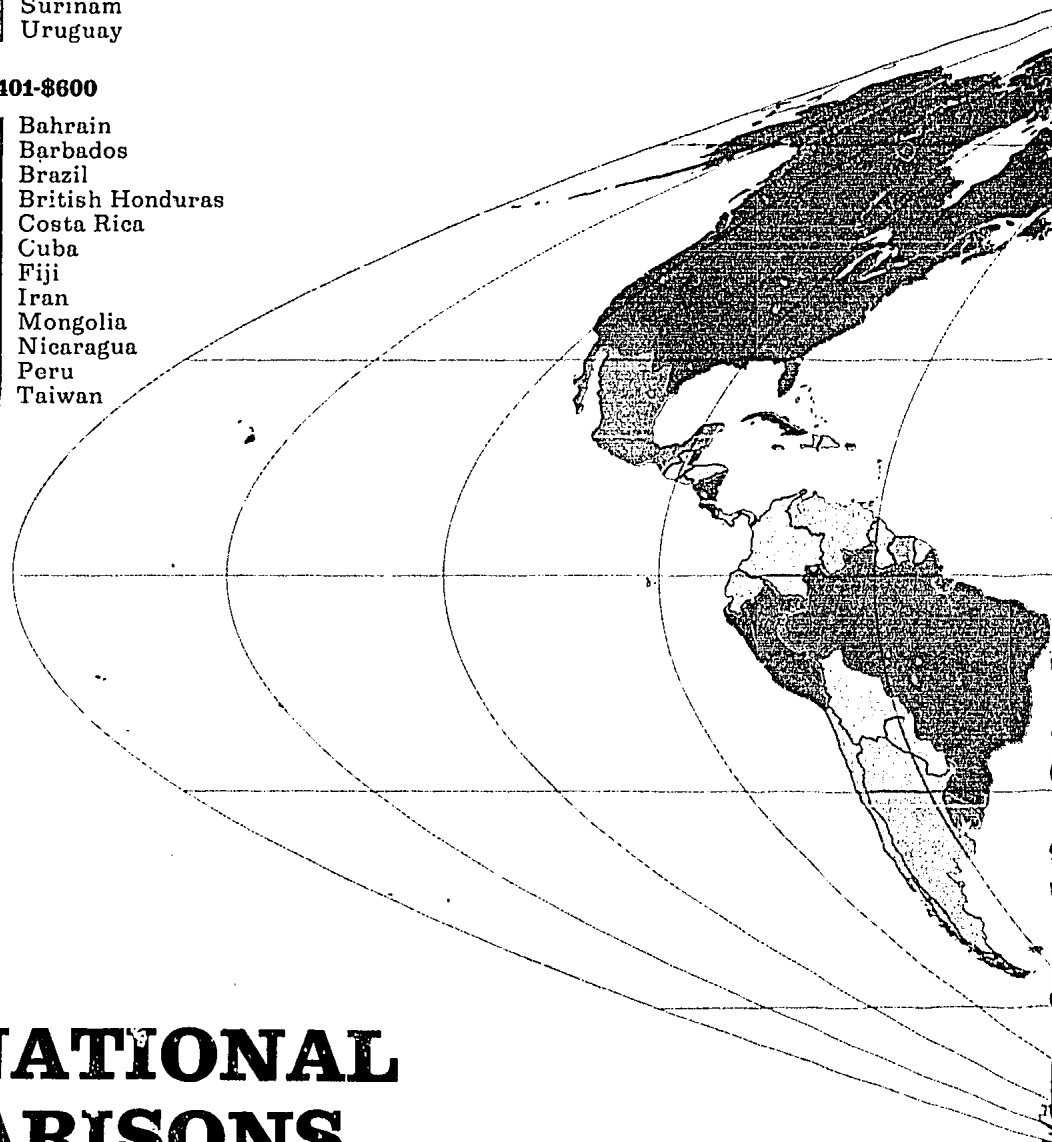
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Algeria  
Angola  
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Bolivia  
Colombia  
Congo  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
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Grenada  
Guatemala  
Guyana  
Honduras  
Iraq  
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Jordan  
Liberia  
Malaysia



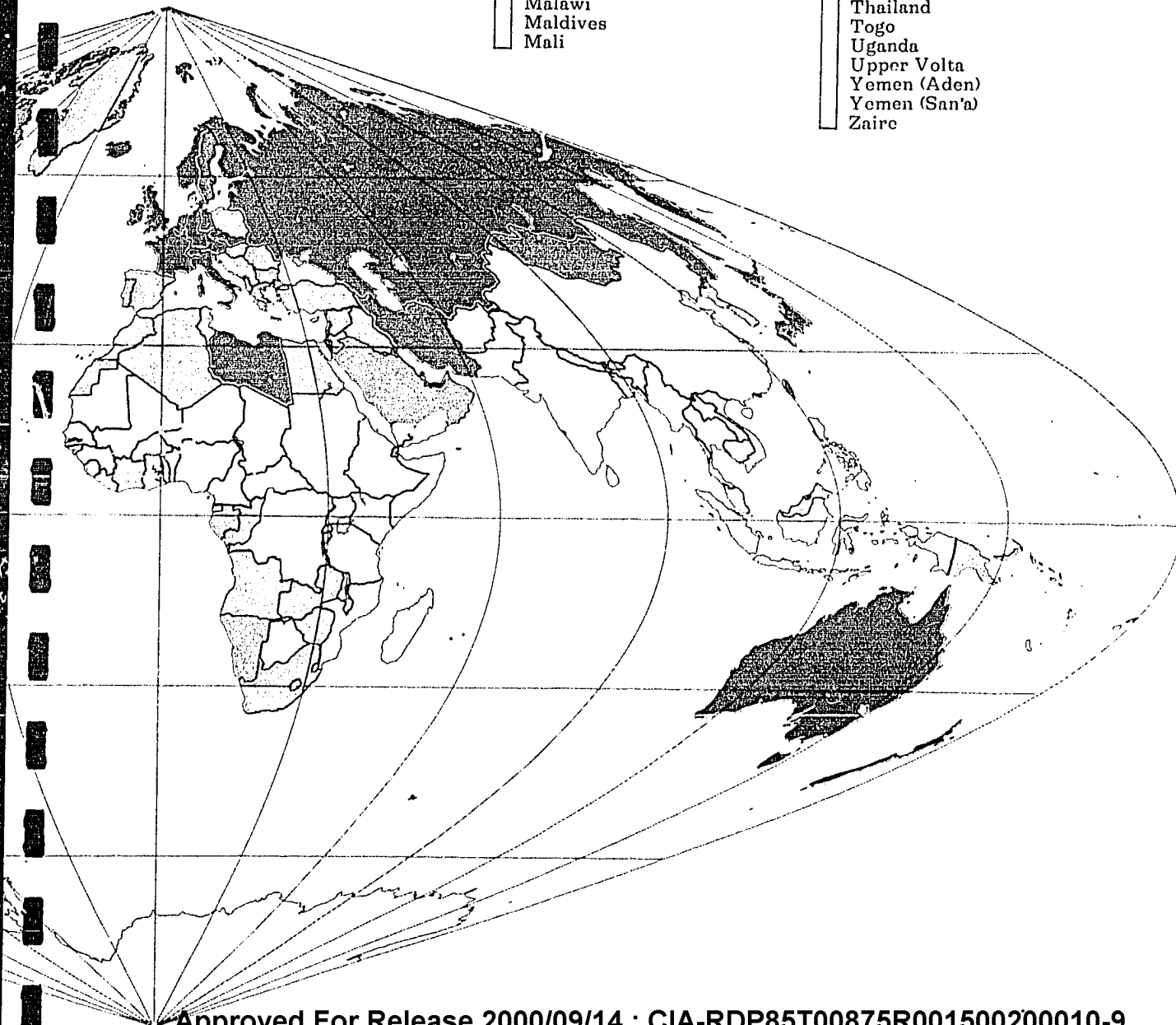
# INTERNATIONAL COMPARISONS

Mauritius  
Morocco  
North Korea  
Papua New Guinea  
Paraguay  
Portuguese Guinea  
Rhodesia  
St. Kitts - Nevis - Anguilla  
St. Lucia  
South Korea  
Spanish Sahara  
Syria  
Tonga  
Tunisia  
Turkey  
Western Samoa  
Zambia

Less than \$201

Afghanistan  
Bangladesh  
Bhutan  
Botswana  
Burma  
Burundi  
Cambodia  
Cameroon  
Central African Republic  
Chad  
Dahomey  
Ethiopia  
Gambia  
Guinea  
Haiti  
India  
Indonesia  
Kenya  
Laos  
Lesotho  
Macao  
Malagasy Republic  
Malawi  
Maldives  
Mali

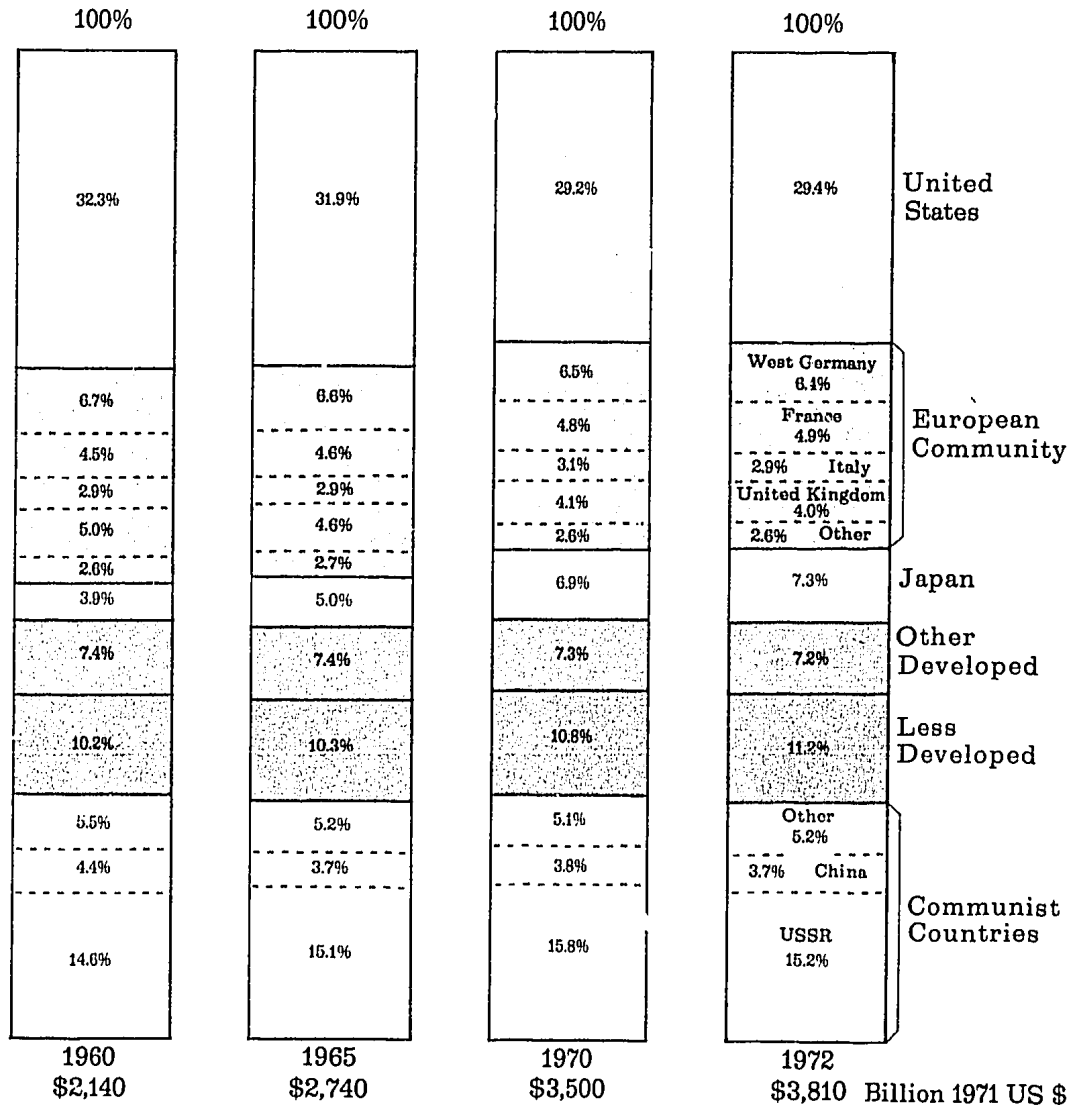
Mauritania  
Mozambique  
Nepal  
Niger  
Nigeria  
North Vietnam  
Pakistan  
People's Republic of China  
Philippines  
Portuguese Timor  
Rwanda  
St. Vincent  
Senegal  
Seychelles  
Sierra Leone  
Sikkim  
Somalia  
South Vietnam  
Sri Lanka  
Sudan  
Swaziland  
Tanzania  
Thailand  
Togo  
Uganda  
Upper Volta  
Yemen (Aden)  
Yemen (San'a)  
Zaire



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Figure 1

# World Gross National Product

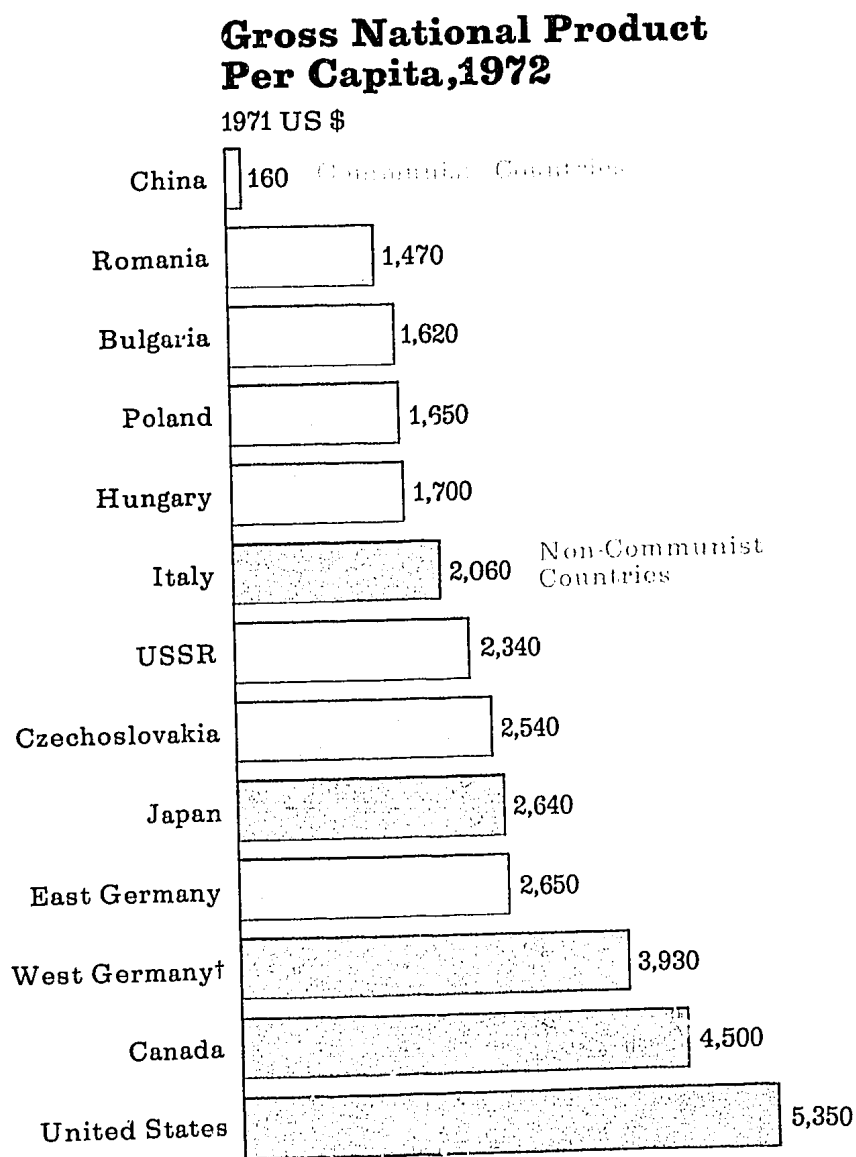


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Figure 2



† Including data for West Berlin.

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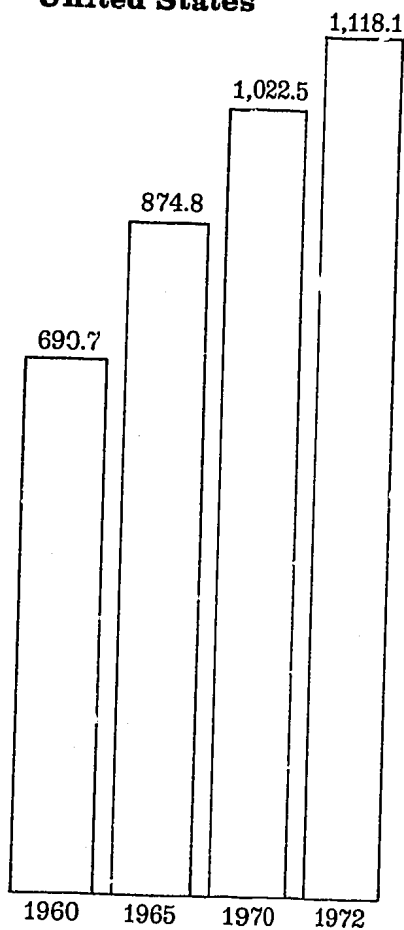
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Figure 3

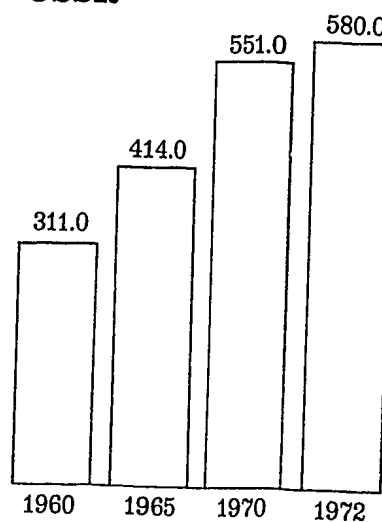
**United States**



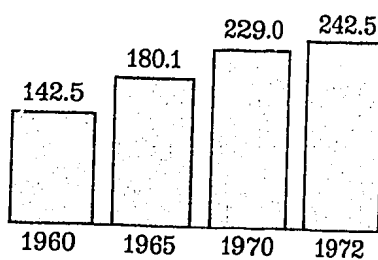
**Gross National Product Comparisons**

Billion 1971 US \$

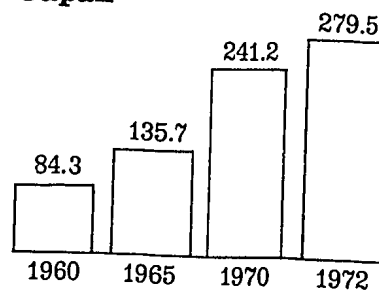
**USSR**



**West Germany**



**Japan**



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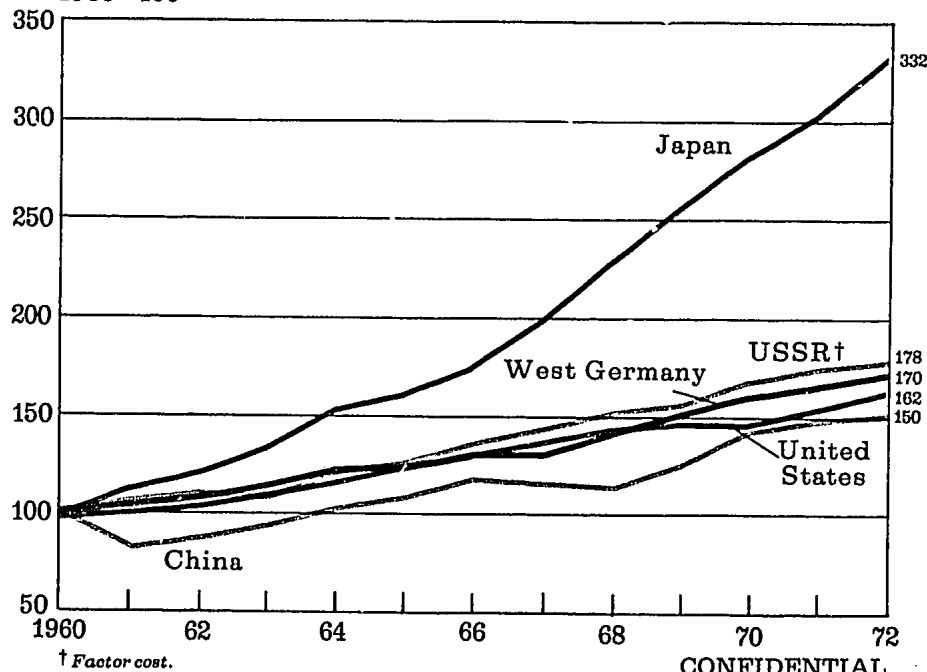
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Figure 4

# **Economic Growth**

## **Index of Real Gross National Product**

1960=100

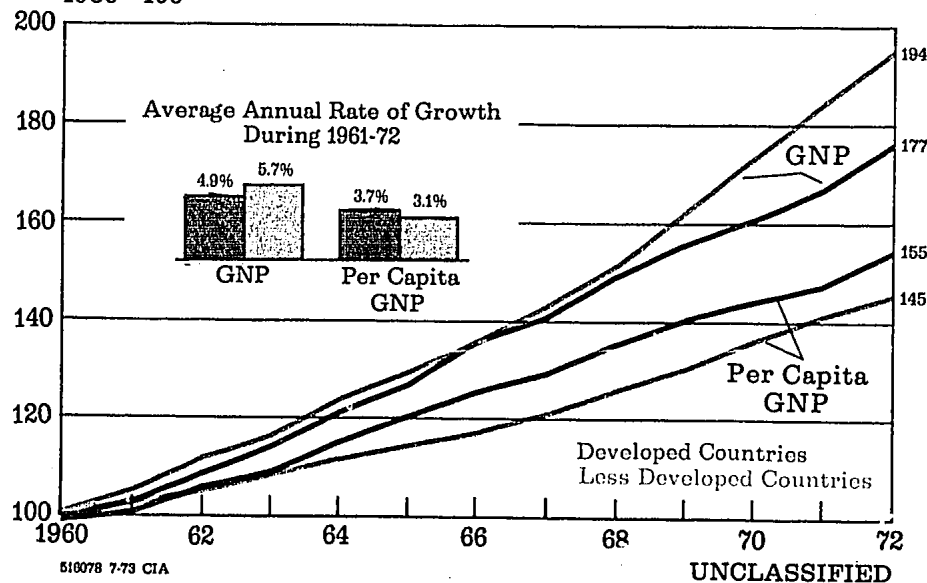


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## **Index of Gross National Product in Developed and Less Developed Countries**

1960=100



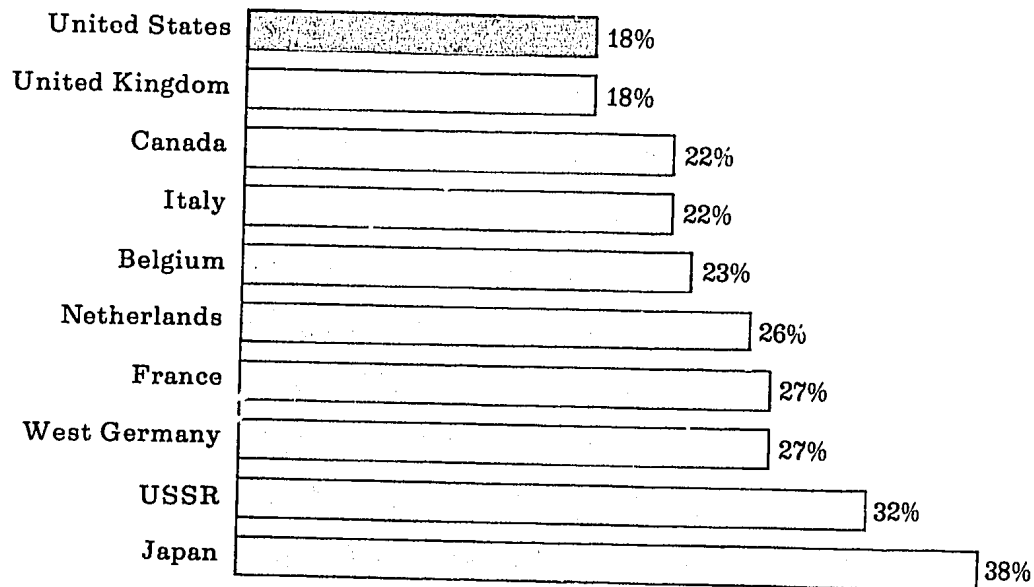
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Figure 5

# **Gross Investment<sup>†</sup> as a Share of Gross National Product**

(1969-71 Annual Average)



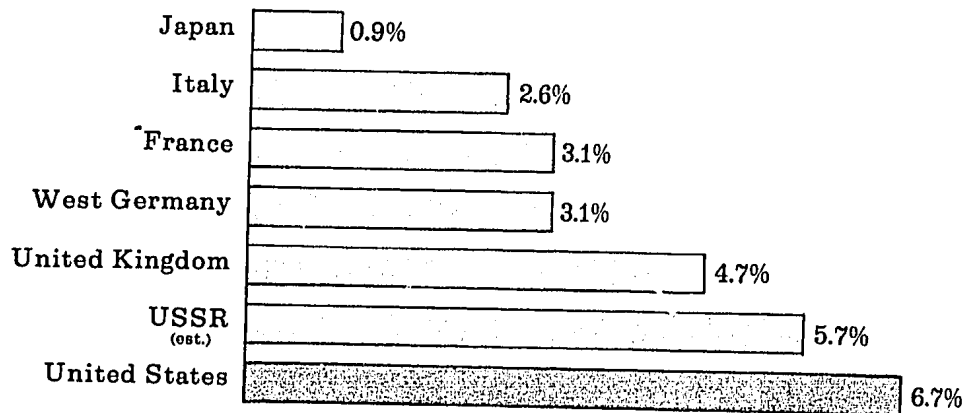
<sup>†</sup> Investment includes private and government.

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Figure 6

# **Defense Expenditures as a Share of Gross National Product, 1971**



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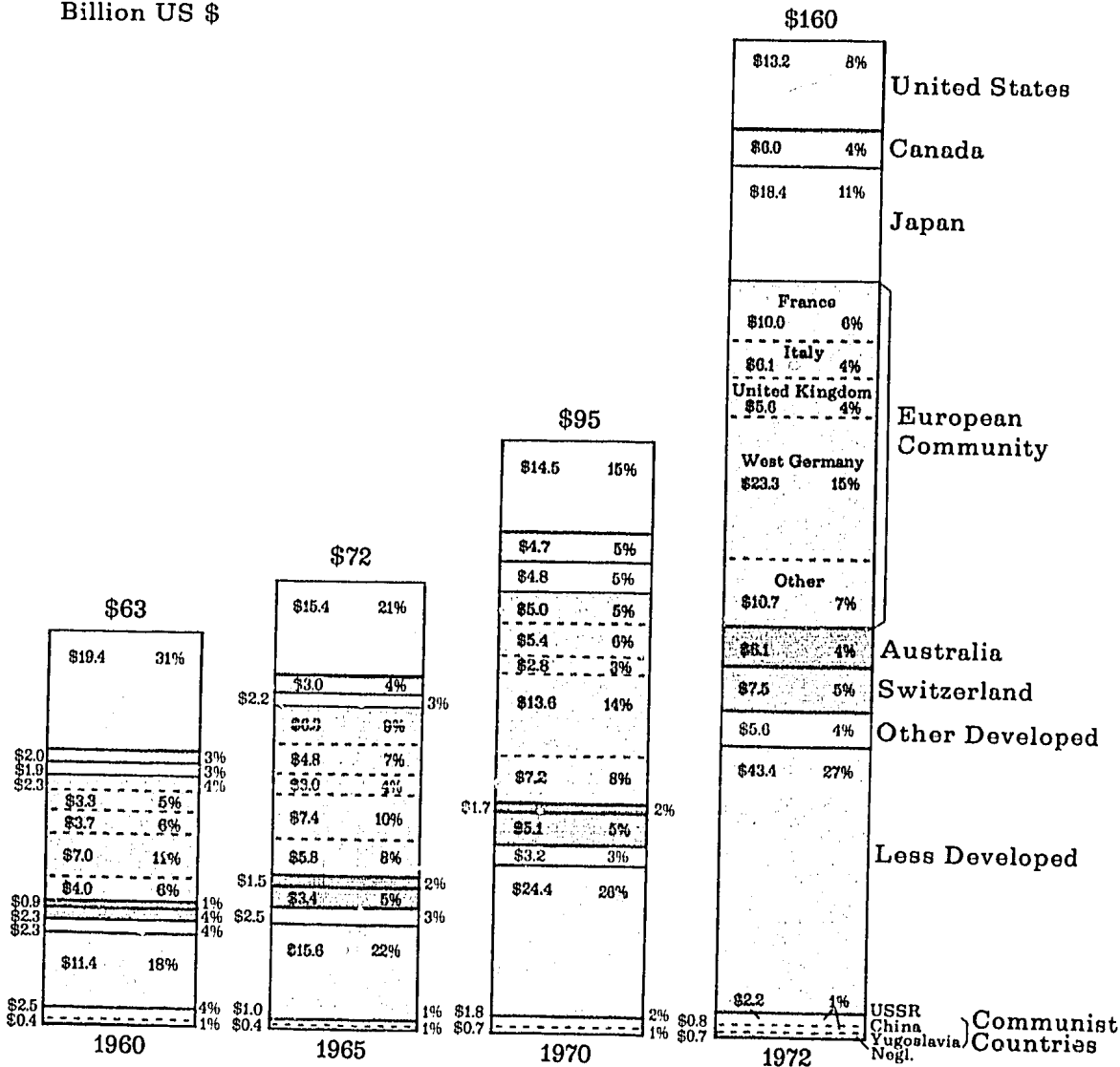
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Figuro 7

**International Reserves†**

Billion US \$



† Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

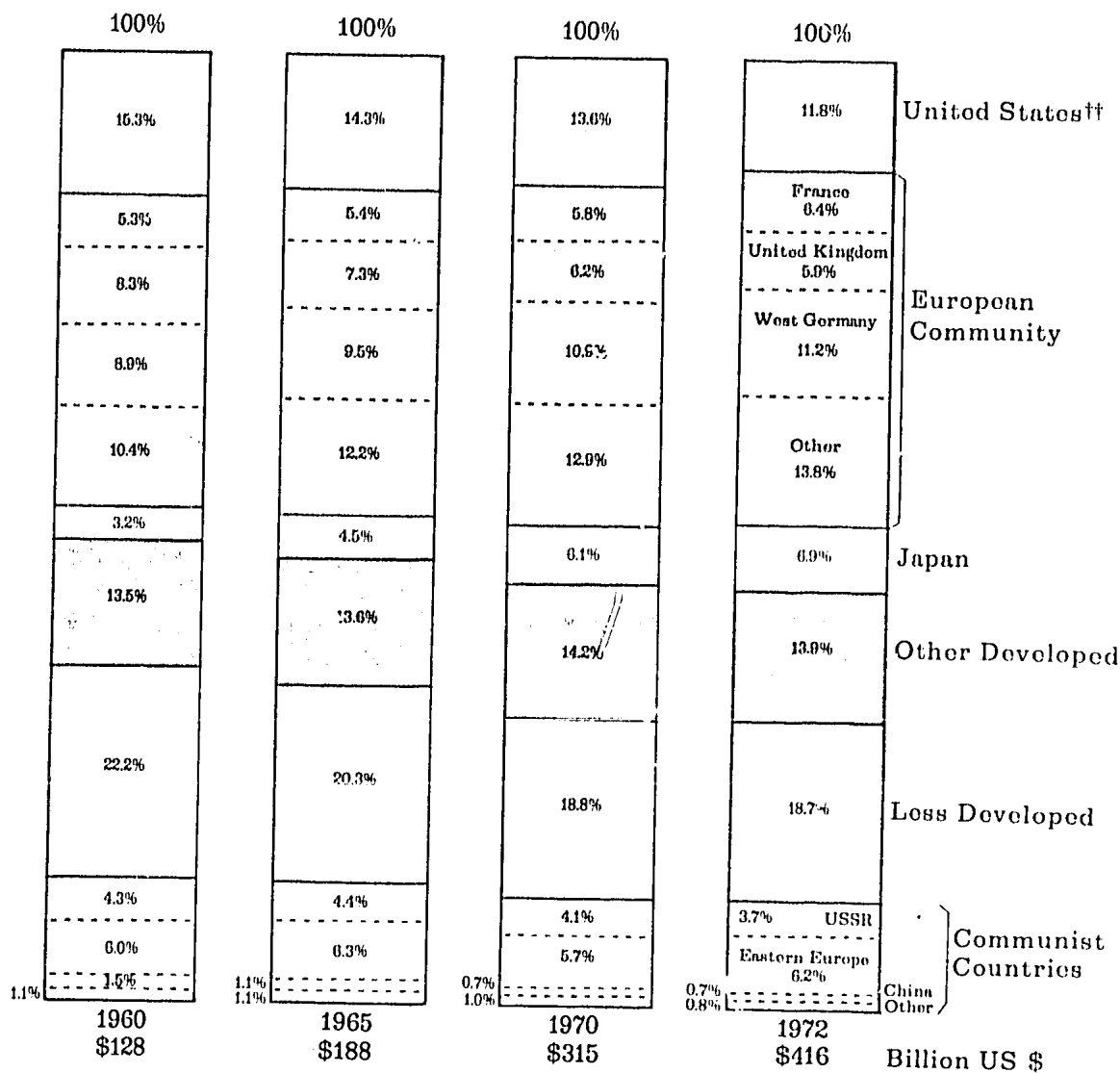
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Figure 8

# World Exports†



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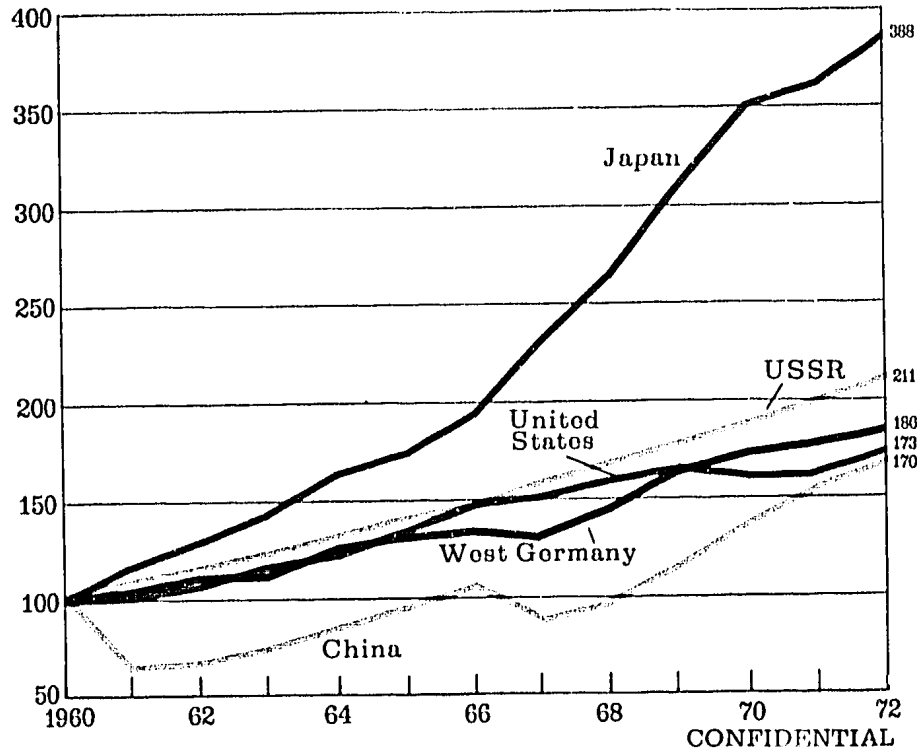
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Figure 9

# **Index of Industrial Production**

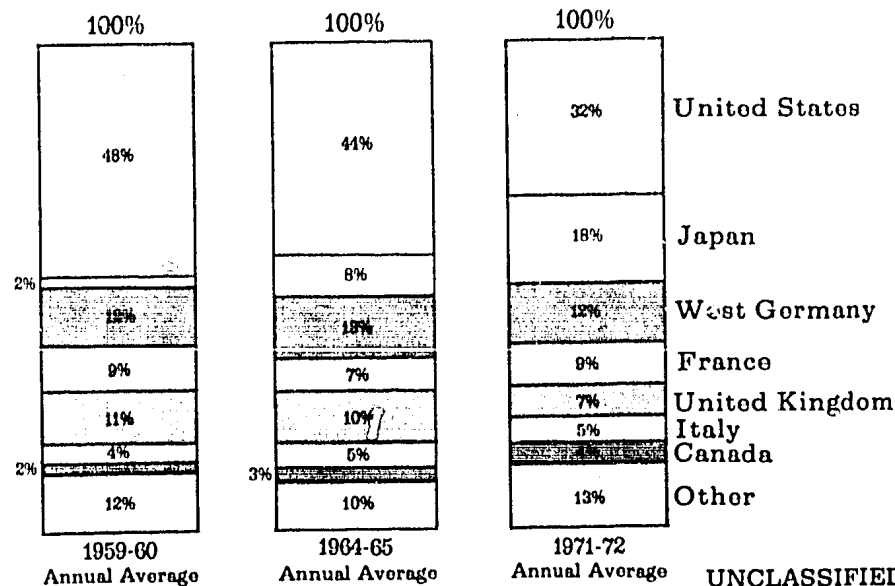
1960=100



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Figure 10

# **World Production of Motor Vehicles**



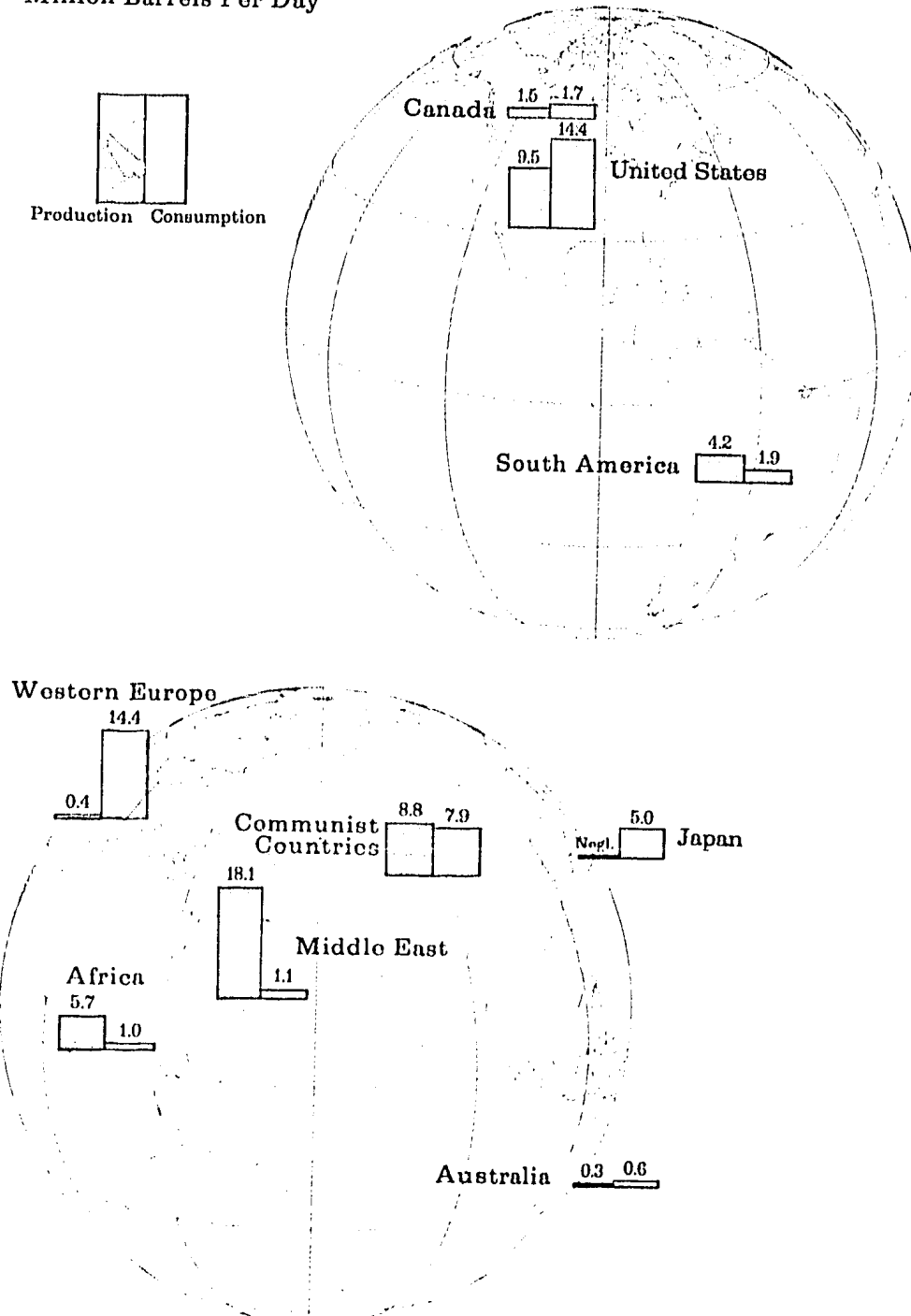
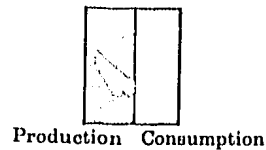
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Figure 11

# **World Crude Oil Production and Consumption, Selected Areas, 1972**

Million Barrels Per Day



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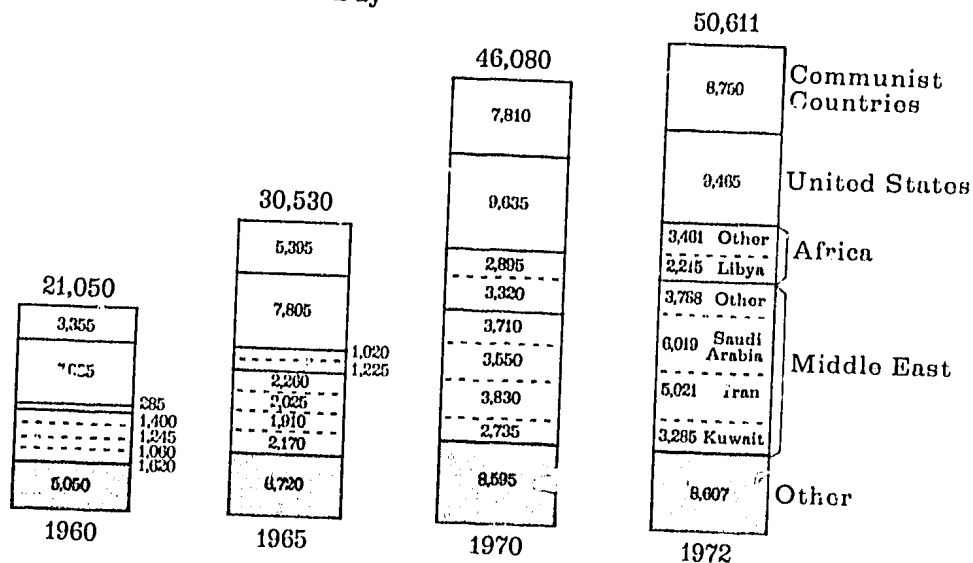
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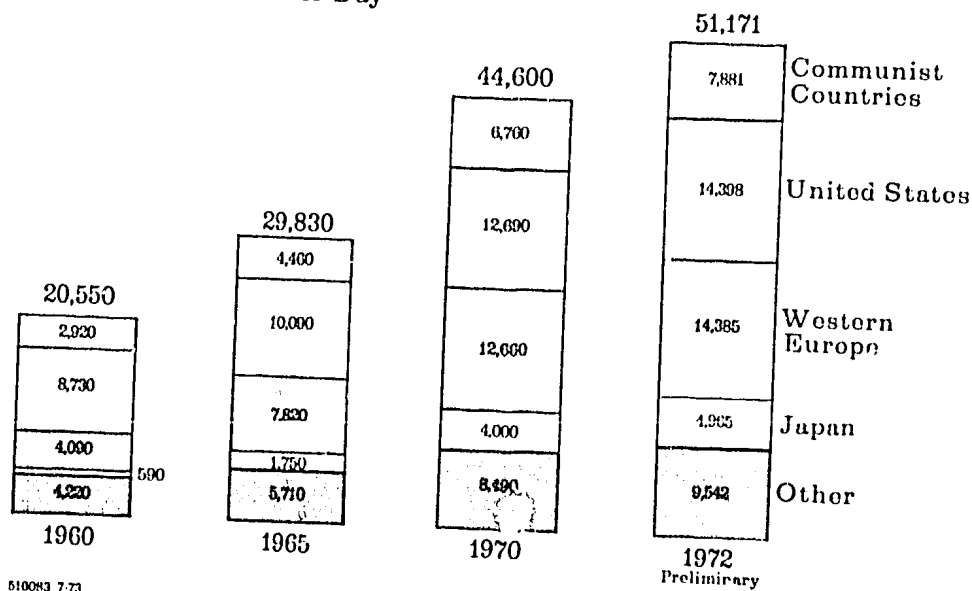
Figure 12

**World Crude Oil****Production**

Thousand Barrels Per Day

**Consumption**

Thousand Barrels Per Day



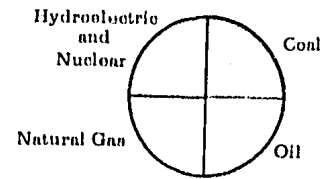
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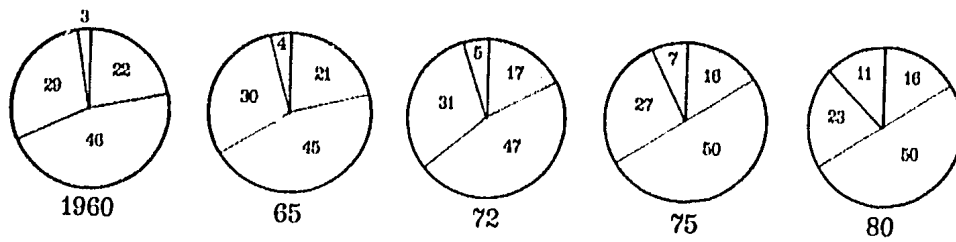
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Figure 13

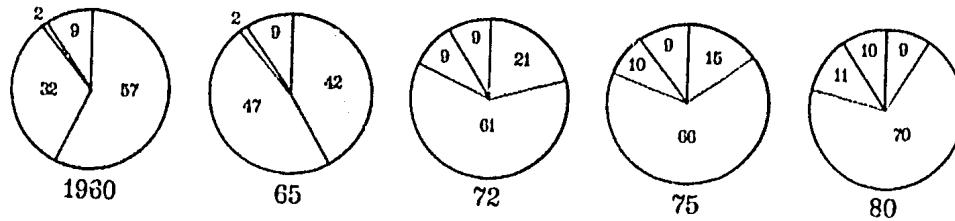
# **Primary Energy Consumption** Percent



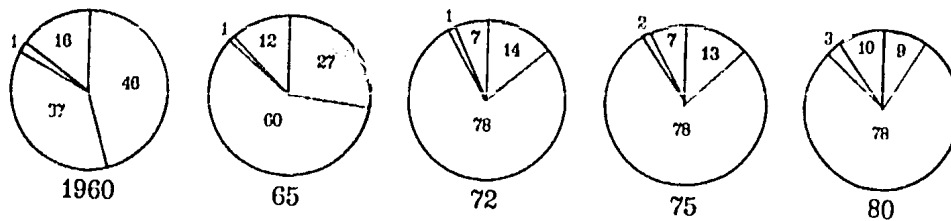
## **United States**



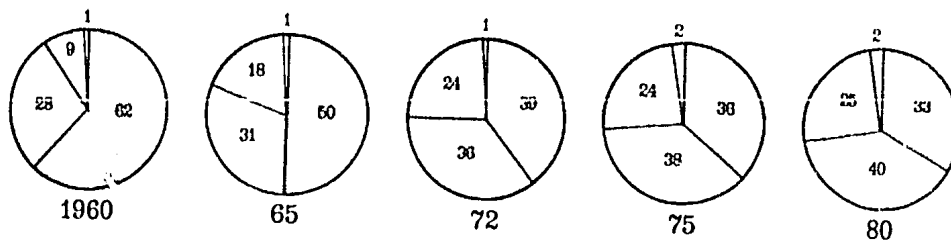
## **Western Europe**



## **Japan**



## **USSR**



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ECONOMIC COMPARISONS, 1972

	United States	Canada	Japan	European Community	France	Italy
<b>Aggregative data</b>						
<b>Population</b>						
Million persons at midyear.....	208.8	21.8	100.0	254.7	51.7	54.2
Percent increase.....	0.0	0.0	1.3	0.5	0.8	0.6
<b>Gross national product</b>						
Billion 1971 US \$ <sup>1</sup> .....	1,113.1	98.0	279.5	791	186.0	111.5
Average annual rate of growth, 1960-72 (percent) <sup>2</sup> .....	3.3	5.0	10.0	4.4	5.6	4.9
Per capita (1971 US \$).....	5,350	4,500	2,640	3,100	3,600	2,000
Industrial production (1960 = 100).....	173	201	388	N.A.	200	197
<b>Production</b>						
Primary energy (million metric tons of coal equivalents <sup>4</sup> ).....	2,183	353	87	583	82	51
Electric power (billion kilowatt-hours)....	1,968	241	416	958	167	137
Crude steel (million metric tons).....	121	12	97	138	24	20
Cement (million metric tons).....	75	9	66	141	30	33
<b>Trade and international reserves</b>						
Exports <sup>5</sup> (million US \$).....	49,208 <sup>6</sup>	21,025	28,620	154,900	26,423	18,548
Imports <sup>7</sup> (million US \$).....	58,944	20,497	23,494	154,700	27,002	19,282
Trade balance (million US \$).....	-9,736	528	5,126	200	-579	-734
International reserves (billion US \$).....	13.2	6.0	18.4	N.A.	10.0	6.1
<b>Indicators of living standards</b>						
Grain production (kilograms per capita)....	1,092	1,533	139 <sup>8</sup>	403	767	300
Meat production (kilograms per capita)....	80	71	10	53	59	27
Television receivers in use (units per thousand persons).....	533	416	258	285	202	218
Radio receivers in use (units per thousand persons).....	1,765	780 <sup>9</sup>	573 <sup>9</sup>	301 <sup>10</sup>	312 <sup>9</sup>	224 <sup>9</sup>
Consumer price index (1960 = 100).....	141	141	194	N.A.	167	162
Telephones in use (units per thousand persons).....	602 <sup>11</sup>	476 <sup>11</sup>	281 <sup>11</sup>	234 <sup>11</sup>	186 <sup>11</sup>	192 <sup>11</sup>
Gross investment as a percent of GNP (1960-71 annual average) <sup>12</sup> .....	18	22	38	N.A.	27	22

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including data for West Berlin.

<sup>2</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value exchange rates agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.

<sup>3</sup> The base year is the year prior to the stated period. Data for the USSR are at factor costs.

<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>5</sup> Data are f.o.b.

<sup>6</sup> Excluding Department of Defense shipments.

<sup>7</sup> Unless otherwise indicated, data are c.i.f.

<sup>8</sup> Data are for 1971.

<sup>9</sup> Rice only.

<sup>10</sup> Excluding rice.

<sup>11</sup> Data are for 1970.

<sup>12</sup> Including private and government.

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Figure 14

## ECONOMIC COMPARISONS, 1972

United Kingdom	West Germany	USSR	Eastern Europe	China	
					Aggregative data
					Population
55.8	61.7 <sup>1</sup>	247.5	104.2	878	Million persons at midyear
0.2	0.7 <sup>1</sup>	1.0	0.6	2.5	Percent increase
					Gross national product
151.6	242.5 <sup>1</sup>	580.0*	199	133-147	Billion 1971 US \$ <sup>2</sup>
2.6	4.3 <sup>1</sup>	4.0*	4.8	1.7	Average annual rate of growth 1966-72 (percent) <sup>3</sup>
2,720	3,930 <sup>1</sup>	2,340*	1,910	160	Per capita (1971 US \$)
137	186	211*	210	157-183	Industrial production (1960 = 100)
					Production
174	181	1,323	400	341	Primary energy (million metric tons of coal equivalents <sup>4</sup> )
269	269	858	283	95	Electric power (billion kilowatt-hours)
25	44 <sup>1</sup>	126	45	23	Crude steel (million metric tons)
18	43 <sup>1</sup>	104	47	30	Cement (million metric tons)
					Trade and international reserves
24,361	46,695	15,400	26,200	2,970	Exports <sup>5</sup> (million US \$)
28,048	40,192	16,100 <sup>5</sup>	25,600	2,480	Imports <sup>7</sup> (million US \$)
-3,687	6,503	-700	600	490	Trade balance (million US \$)
5.6	23.3	2.2*	N.A.	0.8* <sup>8</sup>	International reserves (billion US \$)
					Indicators of living standards
274	324 <sup>1</sup>	541	700 <sup>10</sup>	230-245	Grain production (kilograms per capita)
38	58 <sup>1</sup>	55	49	N.A.	Meat production (kilograms per capita)
303	357	182	182	N.A.	Television receivers in use (units per thousand persons)
331 <sup>11</sup>	323 <sup>11</sup>	215	202	18*-10*	Radio receivers in use (units per thousand persons)
174	145	101	N.A.	N.A.	Consumer price index (1960 = 100)
290 <sup>8</sup>	249 <sup>12</sup>	65	81	N.A.	Telephones in use (units per thousand persons)
18	27	32*	N.A.	N.A.	Gross investment as a percent of GNP (1969-71 annual average) <sup>13</sup>

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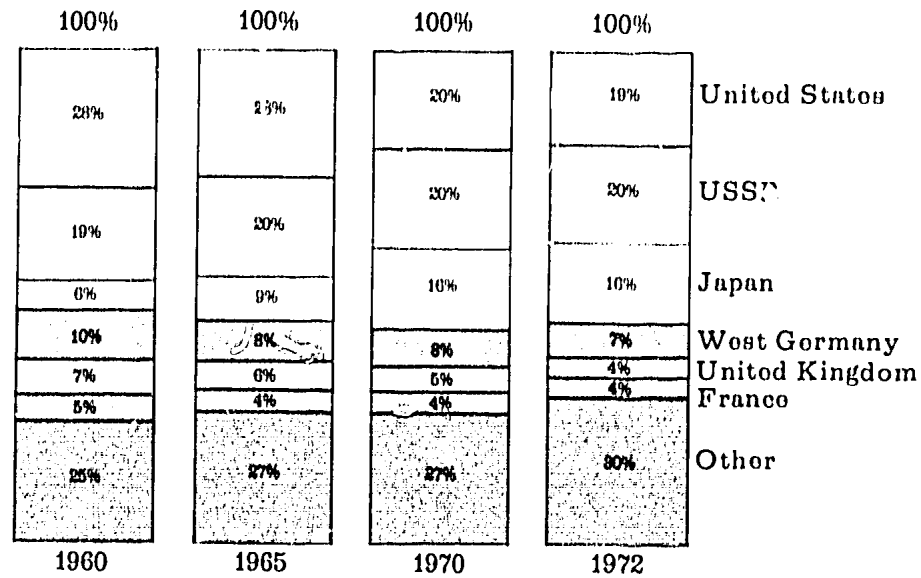
13

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Figure 15

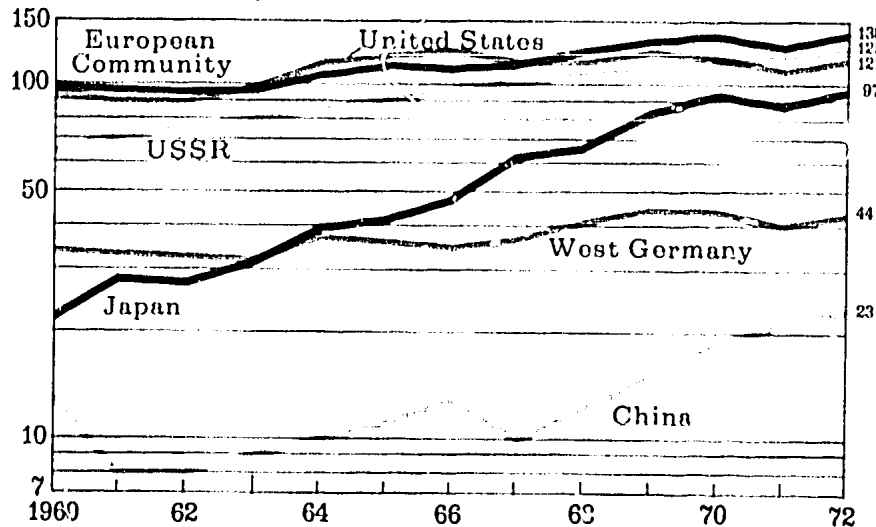
## Production of Crude Steel

### World



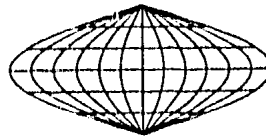
### Trends

Million Metric Tons



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- GROSS NATIONAL PRODUCT
- INTERNATIONAL RESERVES
- CURRENT ACCOUNT BALANCE
- BASIC BALANCE
- INDUSTRIAL PRODUCTION
- AGRICULTURAL PRODUCTION
- DEFENSE EXPENDITURES
- CONSUMER PRICE INDEX
- WHOLESALE PRICE INDEX
- EXCHANGE RATES
- POPULATION
- LABOR FORCE
- UNITED STATES:  
ECONOMIC DATA
- [REDACTED]
- EUROPEAN COMMUNITY:  
ECONOMIC DATA
- USSR: ECONOMIC DATA
- CHINA: ECONOMIC DATA
- FACTORS OF CONSUMPTION:  
US AND USSR

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Table 1  
Estimated Gross National Product at Market Prices<sup>1</sup>

	Billion 1971 US \$			
	1960	1965	1970	1972
World.....	2,140	2,740	3,500	3,810
Developed Countries.....	1,400	1,800	2,260	2,460
United States.....	690.7	874.8	1,022.5	1,118.1
Australia <sup>2</sup> .....	22.9	20.2	37.7	40.5
Canada.....	53.0	69.6	87.6	98.0
Japan.....	84.3	135.7	241.2	279.5
Sweden.....	24.6	31.3	38.0	38.8
Switzerland.....	16.2	20.9	25.3	27.5
European Community.....	464	586	739	791
Belgium.....	18.8	24.1	30.5	33.0
France.....	95.5	126.9	168.4	186.0
Italy.....	61.8	80.0	106.7	111.5
Netherlands.....	22.6	28.9	37.9	40.8
United Kingdom.....	107.8	127.0	143.3	151.6
West Germany <sup>3</sup> .....	142.5	180.1	229.0	242.5
Less Developed Countries.....	219	283	379	425
Communist Countries.....	522*	658*	861*	919*
USSR and Eastern Europe.....	429*	557*	730*	779*
USSR.....	311.0*	414.0*	551.0*	580.0*
Eastern Europe.....	118	143	179	199
Bulgaria.....	6.4	8.6	12.3	13.9
Czechoslovakia.....	26.4	28.2	34.1	36.8
East Germany.....	28.8	33.8	41.7	45.1
Hungary.....	11.5	13.9	16.5	17.7
Poland.....	30.5	39.2	48.4	54.6
Romania.....	14.3	19.0	25.7	30.5
Far East				
China.....	93 to 94	99 to 104	126 to 137	133 to 147

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data for the non-Communist countries were converted from national currencies at the new central or par value rates of exchange agreed to on 18 December 1971. Data for the Communist countries were converted at US purchasing power equivalents.

<sup>2</sup> Fiscal year ending 30 June of the stated year.

<sup>3</sup> Including data for West Berlin.

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Table 2

## Gross National Product in Purchasing Power Equivalents and Exchange Rate Equivalents

	Gross National Product, 1972 (Billion 1971 US \$)			National Currency per US \$		
	Purchasing Power Equivalents <sup>1</sup>	Central Rate <sup>2</sup>	Par Value Rate <sup>3</sup>	Purchasing Power Equivalents	Central Rate <sup>4</sup>	Par Value Rate <sup>5</sup>
OECD						
Belgium.....	39.5	33.0	29.6	37.48	44.8159	50
Denmark.....	18.6	19.0	17.7	7.133	6.98	7.50
France.....	211.2	186.0	171.3	4.506	5.1157 <sup>6</sup>	5.55419
Italy.....	119.9	111.5	103.7	540.8	581.5	625
Japan.....	299.3 <sup>7</sup>	279.5	239.1	287.6	308	360
Netherlands.....	42.2	40.8	36.6	3.136	3.2447	3.62
Norway.....	13.2	14.1	13.1	7.108	6.64539	7.14286
United Kingdom.....	172.0	151.6	139.6	0.3383	0.383772 <sup>6</sup>	0.416667
West Germany <sup>8</sup> .....	216.6	242.5	213.5	3.607	3.2225	3.66

<sup>1</sup> For the individual European OECD countries, the ratios for converting gross national product (GNP) in national currencies at 1971 prices into 1971 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1971 by applying the following factor: the derived price indexes for each European country for 1950-71 divided by a derived price index for the United States for 1950-71. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1971 prices.

<sup>2</sup> GNP in national currencies converted to US dollars using central exchange rates.

<sup>3</sup> GNP in national currencies converted to US dollars using par value exchange rates.

<sup>4</sup> Exchange rate as of May 1972.

<sup>5</sup> Exchange rate as of April 1971.

<sup>6</sup> Par value rate.

<sup>7</sup> Converted at US purchasing power equivalents in approximately the same manner as the data for the European countries.

<sup>8</sup> Including data for West Berlin.

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Table 3  
Gross National Product, by End Use, in the US and the USSR  
1971

	Billion 1971 US \$ <sup>1</sup>		USSR as a Percent of US
	US	USSR	
Consumption.....	731.2	299.9*	41*
New fixed investment.....	181.6	186.6*	103*
Defense.....	70.0	70.3*	100*
Other.....	67.6	54.9*	81*
GNP.....	1,050.4	569.6* <sup>2</sup>	54*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the United States but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture alone, for example, used 29% of the labor force, or 37 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the United States are \$664.9 billion.)

(2) Investment is defined (a) for both the United States and the USSR as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the United States, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the United States is \$152.0 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the United States are \$71.4 billion.)

(4) Other for the USSR includes expenditures on civil space programs, inventory change, administration, net exports, and a statistical discrepancy. Administration includes expenditures on civilian internal security, general agricultural programs, public organizations, government administration, and social welfare. Other for the United States includes administration, net exports and military assistance, change in inventories and stockpiles, and a statistical discrepancy. Administration is the residual left after all current expenditures for national defense, health, education, and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the United States.)

<sup>2</sup> The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

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Table 4  
International Reserves<sup>1</sup>

	Million US \$			
	1960	1965	1970	1972
OECD				
United States.....	19,359	15,450	14,487	13,150
Australia.....	855	1,493	1,093	6,141
Austria.....	716	1,305	1,751	2,719
Canada.....	1,991	3,037	4,679	6,050
Japan.....	1,940	2,152	4,840	18,365
Portugal.....	637	938	1,504	2,312
Spain.....	541	1,422	1,817	5,014
Switzerland.....	2,324	3,444	5,132	7,488
European Community				
Belgium.....	1,506	2,334	2,847	3,870
France.....	2,272	6,343	4,960	10,015
Italy.....	3,251	4,800	5,352	6,079
Netherlands.....	1,803	2,416	3,234	4,785
United Kingdom.....	3,719	3,004	2,827	5,045
West Germany.....	7,032	7,430	13,610	23,292
Latin America				
Brazil.....	345	484	1,187	4,183
Middle East				
Kuwait.....	N.A.	930	1,380	2,200
Saudi Arabia.....	185	726	602	2,512
Africa				
Libya.....	82	246	1,590	2,925
Communist Countries				
USSR.....	2,470*	1,010*	1,780*	2,210*
China.....	420*	450*	720*	760* <sup>2</sup>
Yugoslavia.....	13	103	140	730

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including gold and foreign exchange. Data for the non-Communist countries also include Special Drawing Rights and the reserve position in the International Monetary Fund. Data before 1972 for the non-Communist countries are expressed in terms of US dollars at the official par values and, beginning in 1972, reflect the realignment of the exchange rates agreed to on 18 December 1971 and the revaluation of the dollar price of gold.

<sup>2</sup> Data are for 1971.

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Table 5

Current Account Balance<sup>1</sup>

Million US \$

	1960	1965	1970	1972
OECD				
United States.....	3,470	3,070	2,080	5,776
Canada.....	1,208	959	1,185	362
Japan.....	224	1,028	2,149	6,988
European Community				
Belgium <sup>2</sup> .....	102	152	744	N.A.
Denmark.....	62	174	544	100 <sup>3</sup>
France.....	855 <sup>4</sup>	823 <sup>4</sup>	60	880
Ireland.....	2	114	160	140
Italy.....	372	2,353	761	2,740
Netherlands.....	345	24	497	1,007
United Kingdom.....	478	358	2,047	545
West Germany.....	1,070	1,081	681	532

<sup>1</sup> Unless otherwise indicated, data exclude government grants.<sup>2</sup> Including data for Luxembourg.<sup>3</sup> Including government grants.<sup>4</sup> Balance between France and non-franc countries.

Table 6

## Basic Balance

Million US \$

	1960	1965	1970	1972
OECD				
United States.....	-1,174	-1,846	-3,059	-9,243
Canada.....	-250	-160	1,806	1,411
Japan.....	72	517	379	2,184
European Community				
Belgium <sup>1,2</sup> .....	210	176	464	N.A.
Denmark <sup>2</sup> .....	-25	20	6	N.A.
France.....	906 <sup>3</sup>	1,052 <sup>3</sup>	-101	-432
Ireland.....	-3	-100	-34	N.A.
Italy <sup>4</sup> .....	606	2,480	2,047	2,040
Netherlands.....	-164	-48	507	866
United Kingdom.....	-1,280	-773	1,104	-2,048
West Germany.....	1,444	1	2,175	6,472

<sup>1</sup> Including data for Luxembourg.<sup>2</sup> Overall balance including errors and omissions.<sup>3</sup> Balance between France and non-franc countries.<sup>4</sup> Excluding some long-term investment resulting from use of repatriated Italian banknotes.UNCLASSIFIED  
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Table 7  
Index of Industrial Production<sup>1</sup>

	1960 = 100				Average Annual Rate of Growth <sup>2</sup> (Percent)		
	1960	1965	1970	1972 <sup>3</sup>	1961-65	1966-70	1972 <sup>3</sup>
<b>OECD</b>							
United States.....	100	135	161	173	6.2	3.6	7.5
Canada.....	100	140	181	201	7.0	5.3	6.3
Japan.....	100	172	352	388	11.5	15.4	7.2
<b>European Community</b>							
France.....	100	128	176	200	5.1	6.6	6.9
Italy.....	100	139	197	197	6.8	7.2	2.7
United Kingdom.....	100	116	132	137	3.0	2.6	3.2
West Germany.....	100	132	176	186	5.7	5.9	3.9
<b>Communist Countries</b>							
<b>USSR and Eastern Europe</b>							
USSR <sup>4</sup> .....	100*	139*	190*	211*	6.8*	6.5*	5.0*
Eastern Europe.....	100	133	186	210	5.9	6.9	6.4
Bulgaria.....	100	174	293	344	11.7	11.0	7.2
Czechoslovakia.....	100	120	156	172	3.7	5.4	4.3
East Germany.....	100	119	155	172	3.5	5.4	5.5
Hungary.....	100	139	178	197	6.8	5.1	4.0
Poland.....	100	139	195	228	6.8	7.0	9.0
Romania.....	100	167	274	326	10.8	10.4	9.5
<b>Far East</b>							
China <sup>5</sup> .....	100	92-99	129-148	157-183	2 to 0	7 to 8	8 to 9
<b>Other</b>							
Yugoslavia.....	100	164	223	266	10.4	6.3	8.0

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Indexes for the non-Communist countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Preliminary.

<sup>4</sup> Index of gross values for individual commodities and branches aggregated by 1968 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 50.14%, 30.11%, and 19.75%, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

<sup>5</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

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Table 8

Official Communist Indexes of Gross Industrial Production <sup>1</sup>

	1960 ~ 100				Average Annual Rate of Growth <sup>2</sup> (Percent)		
	1960	1965	1970	1972	1961-65	1966-70	1972
Communist Countries							
USSR and Eastern Europe							
USSR.....	100	151	227	261	8.0	8.5	0.5
Eastern Europe							
Bulgaria.....	100	174	293	349	11.7	11.0	9.4
Czechoslovakia.....	100	130	180	204	5.4	6.7	6.4
East Germany.....	100	133	183	205	5.9	6.6	6.2
Hungary.....	100	145	190	216	7.7	6.2	5.6
Poland.....	100	150	223	266	8.4	8.3	10.7
Romania.....	100	191	334	417	13.8	11.8	11.7
Far East							
North Korea.....	100	108	332	N.A.	14.6	10.9	N.A.
North Vietnam.....	100	184	157 <sup>3</sup>	N.A.	13.0	-3.1 <sup>3</sup>	N.A.
Other							
Albania <sup>4</sup> .....	100	130	254 <sup>3</sup>	310 <sup>3</sup>	6.8	12.8 <sup>3</sup>	10.0 <sup>3</sup>

<sup>1</sup> These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

<sup>2</sup> The base year is the year prior to the stated period.

<sup>3</sup> Estimated.

<sup>4</sup> Socialized industry only.

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Table 9

Indexes of Agricultural Production

	1960 = 100				Average Annual Rate of Growth <sup>1</sup> (Percent)		
	1960	1965	1970	1972	1961-65	1966-70	1972
Developed Countries.....	100	110	124	130 to 131	1.9	2.4	0 to 1
United States <sup>2</sup> .....	100	108	113	124	1.6	0.9	0.9
Australia.....	100	109	134	123 to 125	1.7	4.2	7 to 8
Canada.....	100	123	118	127	4.2	0.8	10
European Community							
France.....	100	114	126	143	2.7	2.0	6
Italy.....	100	119	132	129 to 130	3.5	2.1	2 to 3
United Kingdom.....	100	118	128	137	3.4	1.6	1
West Germany.....	100	98	118	130 to 131	0.4	3.8	4 to 5
Less Developed Countries.....	100	114	131	135 to 137	2.7	2.8	1 to 2
Africa.....	100	111	124	128 to 129	2.1	2.2	0 to 1
Far East.....	100	111	133	135 to 136	2.1	3.7	0 to 1
Latin America.....	100	120	132	135 to 136	3.7	1.9	2 to 3
Near East.....	100	117	131	145 to 147	3.2	2.3	6 to 7
Communist Countries							
USSR and Eastern Europe							
USSR <sup>3</sup> .....	100	115	144	135	2.8	4.6	-6.9
Eastern Europe <sup>4</sup> .....	100	107	116	131	1.4	1.6	7.0
Bulgaria.....	100	120	143	153	3.7	3.6	4.8
Czechoslovakia.....	100	96	116	122	0.8	3.9	3.6
East Germany.....	100	104	107	119	0.8	0.6	9.4
Hungary.....	100	102	125	135	0.4	4.2	4.0
Poland.....	100	107	111	124	1.4	0.7	8.1
Romania.....	100	113	117	154	2.5	0.7	9.0

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Excluding production of seeds and of feed for horses and mules.

<sup>3</sup> The weights used to aggregate estimated agricultural output are the average prices realized by all producers for products sold in 1968.

<sup>4</sup> Estimates based on the value of crop production plus the value of livestock products, with allowance for changes in livestock numbers, but minus feed (including grain imported for feed), seed, and waste. FAO/OECD West European regional price weights (1952-56 average) were used to compute the indexes.

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Table 10

## Defense Expenditures as a Share of Gross National Product

	Percent			
	1965	1968	1969	1970
OECD <sup>1</sup>				
Australia.....	3.7	3.0	4.3	4.0
Austria.....	1.3	1.3	1.3	1.2
Belgium.....	3.0	2.9	2.7	2.8
Canada.....	3.2	2.7	2.4	2.4
Denmark.....	2.9	2.8	2.5	2.3
Finland.....	1.7	2.0	1.5	1.4
France.....	5.5	4.8	4.4	4.1
Greece.....	5.4	4.8	5.1	5.2
Ireland.....	1.2	1.0	1.1	0.9
Italy.....	3.4	3.0	2.8	2.7
Japan.....	0.9	0.8	0.8	0.8
Luxembourg.....	1.7	1.0	1.0	0.8
Netherlands.....	3.9	3.0	3.0	3.5
Norway.....	3.7	3.7	3.6	3.5
Portugal.....	0.3	7.4	0.8	0.9
Spain.....	2.6	3.0	3.3	3.6
Sweden.....	4.4	3.7	3.9	3.6
Switzerland.....	2.6	2.1	2.2	2.1
Turkey.....	5.2	4.9	4.7	4.8
United Kingdom.....	5.9	5.4	5.0	5.0
United States <sup>2</sup> .....	7.8	9.7	8.8	7.8
West Germany <sup>3</sup> .....	4.4	3.6	3.7	3.3
Communist Countries				
USSR and Eastern Europe				
USSR <sup>4</sup> .....	6.9*	6.4*	6.3*	6.0*
Eastern Europe <sup>5</sup>				
Bulgaria.....	2.5*	N.A.	N.A.	2.5*
Czechoslovakia.....	4.4*	N.A.	N.A.	5.0*
East Germany.....	4.0*	N.A.	N.A.	5.1*
Hungary.....	3.3*	N.A.	N.A.	4.1*
Poland.....	4.9*	N.A.	N.A.	6.1*
Romania.....	2.2*	N.A.	N.A.	2.5*
Other				
Yugoslavia <sup>1</sup> .....	2.7	2.8	3.3	3.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Except for the United States, data are from the United States Arms Control and Disarmament Agency, **World Military Expenditures, 1971**, Washington, D.C., July 1972. Based on the ratio of military expenditures to gross national product (GNP) at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces including: expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

<sup>2</sup> Based on the ratio of military expenditures to GNP in constant 1971 prices.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Based on the ratio of military expenditures to GNP in constant 1968 prices.

<sup>5</sup> Based on the ratio of military expenditures to GNP in constant 1960 prices.

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Table 11

Consumer Price Index

1960 = 100

	1960	1965	1970	1972
OECD				
United States.....	100	107	131	141
Canada.....	100	108	131	141
Japan.....	100	134	175	194
European Community				
Belgium.....	100	113	135	148
France.....	100	120	149	167
Italy.....	100	127	146	162
Netherlands.....	100	119	152	176
United Kingdom.....	100	119	149	174
West Germany.....	100	115	131	145
Communist Countries				
USSR <sup>1</sup> .....	100	101	101	101
Eastern Europe <sup>2</sup>				
Bulgaria <sup>3</sup> .....	100	106	109	110
Czechoslovakia.....	100	103	111	111 <sup>4</sup>
East Germany.....	100	100	100	100 <sup>4</sup>
Hungary.....	100	103	108	113
Poland.....	100	111	120	N.A.
Romania <sup>4</sup> .....	100	107	115	116 <sup>4</sup>
Other				
Yugoslavia.....	100	190	312	422

<sup>1</sup> Average of the official state retail price index and the collective farm market price index weighted by their respective shares of retail purchases in 1960. Although the index does not reflect changes in prices of everything purchased by consumers (the official state retail price index does not include costs of housing and most consumer services such as laundry, transportation, recreation, household operation, and communications), the index since 1960 is a good representation of a consumer price index because prices of services were essentially constant during this period.

<sup>2</sup> All the indexes are highly suspect—particularly those for East Germany.

<sup>3</sup> Estimated.

<sup>4</sup> Data are for 1971.

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Table 12

## Wholesale Price Index

	1960 = 100			
	1960	1965	1970	1972
OECD				
United States.....	100	102	116	125
Canada.....	100	108	124	134
Japan.....	100	102	114	114
European Community				
Belgium.....	100	109	122	126
France <sup>1</sup> .....	100	110	130	142
Italy.....	100	114	129	139
Netherlands <sup>2</sup> .....	100	111	124	132
United Kingdom <sup>3</sup> .....	100	113	135	154
West Germany.....	100	107	110	119
Communist Countries				
USSR <sup>4</sup> .....	100	98	106	N.A.
Eastern Europe				
Czechoslovakia <sup>4</sup> .....	100	106	148	149 <sup>5</sup>
Hungary <sup>6</sup> .....	100 <sup>7</sup>	92 <sup>8</sup>	102	106
Other				
Yugoslavia <sup>9</sup> .....	100	127	163	210

<sup>1</sup> Intermediate goods prices.<sup>2</sup> Industrial goods prices.<sup>3</sup> Industrial goods prices, including turnover tax.<sup>4</sup> Assumed to include turnover tax.<sup>5</sup> Data are for 1971.<sup>6</sup> Producers' goods prices, excluding turnover tax.<sup>7</sup> Data are for 1959.<sup>8</sup> Data are for January 1967.<sup>9</sup> Industrial goods prices, excluding turnover tax.

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Table 13  
Exchange Rates for Currencies of the Communist Countries  
as of 1 April 1973

Unit of Currency		Exchange Rate			
		In Terms of US \$1 <sup>1</sup>		In Terms of 1 Ruble	
		Commercial Rate <sup>2</sup>	Noncommercial Rate <sup>3</sup>	Commercial Rate <sup>2</sup>	Noncommercial Rate <sup>3</sup>
USSR.....	Ruble.....	0.75	0.75		
Eastern Europe					
Bulgaria.....	Lev.....	0.98	1.65	1.3	0.78
Czechoslovakia.....	Koruna.....	5.80	15.00 <sup>4</sup>	8.0	9.06
East Germany.....	Deutsche Mark East.....	2.80 <sup>5</sup>	2.80	4.67 <sup>5</sup>	3.20
Hungary.....	Forint.....	0.72	24.8	13.04	13.11
Poland.....	Zloty.....	3.32	19.92	4.44	15.32
Romania.....	Leu.....	4.07	16.00 <sup>4</sup>	6.67	8.31
Far East					
China.....	Yuan.....	2	2	N.A.	N.A.
North Korea.....	Won.....	2.37 <sup>6</sup>	2.37 <sup>6</sup>	N.A.	N.A.
North Vietnam.....	Dong.....	2.8	N.A.	N.A.	N.A.
Other					
Albania.....	Lek.....	5 <sup>4</sup>	12.5 <sup>4</sup>	5.56	8.4
Cuba.....	Peso.....	1.21	1.21	1.11	1.11
Mongolia.....	Tugrik.....	3.31	N.A.	N.A.	N.A.
Yugoslavia.....	Dinar.....	17.0	17.0	16.7	16.7

<sup>1</sup> Since the December 1971 devaluation of the US dollar, the Communist countries have frequently adjusted their exchange rates relative to the dollar. Changes in the exchange rates reflect the position of the dollar relative to other Western currencies.

<sup>2</sup> Official rates unless otherwise indicated. These rates are used for converting trade statistics.

<sup>3</sup> Rates used for noncommercial transactions such as diplomatic, tourist, and student expenditures; personal remittances; and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.

<sup>4</sup> Pre-1973 devaluation rate the postdevaluation rate is unknown.

<sup>5</sup> The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.05 DME to US \$1 and 2.47 DME to 1 ruble.

<sup>6</sup> Based on the cross rate of exchange between the won and the Japanese yen in early 1972.

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Table 14  
Currency Movements from Smithsonian Rates

	Smithsonian Rate (Units per US\$1)	Percent Change During 1973							
		16 March	30 March	13 April	27 April	11 May	25 May	8 June	22 June
Currencies in European float									
Belgian franc.....	44.82	+13.83	+12.08	+11.89	+11.21	+12.11	+15.25	+18.39	+20.23
Danish krone.....	6.98	+13.68	+12.50	+12.52	+11.79	+11.79	+15.14	+18.49	+20.34
French franc.....	5.12	+13.68	+12.80	+12.59	+11.12	+11.88	+14.73	+18.48	+21.41
German deutsche mark....	3.22	+14.86	+13.58	+13.79	+13.60	+13.59	+16.76	+22.91	+26.60
Netherlands guilder.....	3.24	+12.76	+10.27	+10.30	+9.54	+10.41	+13.37	+16.81	+19.93
Norwegian krone.....	6.65	+12.63	+12.59	+12.73	+11.83	+12.69	+16.28	+19.46	+21.74
Swedish krona.....	4.81	+9.14	+7.10	+6.83	+6.35	+6.73	+9.96	+13.57	+14.66
Major independently floating currencies									
Japanese yen.....	581.5	+1.57	+0.52	-0.92	-1.51	-1.57	-1.22	-3.38	-2.84
Swiss franc.....	308	+19.38	+15.82	+15.88	+16.07	+16.11	+16.38	+16.45	+16.17
UK pound.....	3.84	+18.70	+18.57	+18.82	+18.47	+18.66	+23.00	+24.88	+26.49
	0.384	-5.36	-4.91	-4.73	-4.53	-3.67	-2.52	-1.19	-1.23

Table 15

## Estimated Population

Million Persons at Midyear

	1950	1955	1960	1965	1970	1972	1973
OECD.....	563	599	638	677	711	724	731
United States.....	152.3	165.9	180.7	194.3	204.9	208.8	210.5
Australia.....	8.2	9.2	10.3	11.4	12.5	13.0	13.2
Austria.....	6.9	7.0	7.1	7.2	7.4	7.5	7.5
Canada.....	13.7	15.7	17.0	19.7	21.3	21.8	22.2
Finland.....	4.0	4.2	4.4	4.6	4.7	4.6	4.6
Greece.....	7.6	8.0	8.3	8.6	8.8	8.9	8.9
Iceland.....	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Japan.....	82.9	89.0	93.2	98.0	103.4	106.0	107.3
Norway.....	3.3	3.4	3.6	3.7	3.9	3.9	4.0
Portugal.....	8.4	8.6	8.9	9.1	8.9	8.9	8.9
Spain.....	27.0	29.0	30.3	32.1	33.8	34.4	34.6
Sweden.....	7.0	7.3	7.5	7.7	8.0	8.1	8.1
Switzerland.....	4.7	5.0	5.4	6.0	6.3	6.4	6.4
Turkey.....	20.8	23.0	27.5	31.2	35.4	37.2	38.2
European Community.....	215.6	223.0	232.4	243.6	251.5	254.7	256.4
Belgium.....	8.6	8.9	9.2	9.5	9.7	9.7	9.7
Denmark.....	4.3	4.4	4.6	4.8	4.9	5.0	5.0
France.....	41.7	43.4	45.7	48.8	50.8	51.7	52.2
Ireland.....	3.0	2.9	2.8	2.9	3.0	3.0	3.1
Italy.....	47.1	48.7	50.3	51.9	53.6	54.2	54.6
Luxembourg.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Netherlands.....	10.1	10.8	11.5	12.3	13.0	13.3	13.5
United Kingdom.....	50.6	51.2	52.6	54.4	55.5	55.8	56.0
West Berlin.....	2.1	2.2	2.2	2.2	2.1	2.1	2.1
West Germany <sup>1</sup> .....	47.8	50.2	53.2	56.5	58.6	59.6	59.9
Communist Countries.....	863	950	1,050	1,138	1,248	1,297	1,322
USSR and Eastern Europe.....	269	289	311	331	346	352	355
USSR.....	180.1	196.2	214.3	230.9	242.8	247.5	250.0
Eastern Europe.....	88.5	92.9	96.5	99.8	102.9	104.2	104.9
Bulgaria.....	7.3	7.5	7.9	8.2	8.5	8.6	8.7
Czechoslovakia.....	12.4	13.1	13.7	14.1	14.3	14.5	14.6
East Germany.....	18.4	17.8	17.1	17.0	17.1	17.0	17.1
Hungary.....	9.3	9.8	10.0	10.2	10.3	10.4	10.4
Poland.....	24.8	27.3	29.6	31.2	32.5	33.0	33.3
Romania.....	16.3	17.3	18.4	19.0	20.3	20.7	20.9
Far East.....	571	634	711	777	870	912	934
China.....	547	611	685	747	837	878	899
North Korea.....	9.2	8.9	10.6	12.2	14.2	15.1	15.5
North Vietnam.....	14.7	14.9	16.0	18.0	19.3	19.7	19.9
Other.....	23.8	26.0	28.0	30.3	32.3	33.1	33.5
Albania.....	1.2	1.4	1.6	1.9	2.1	2.3	2.3
Cuba.....	5.5	6.2	7.1	7.9	8.5	8.8	8.9
Mongolia.....	0.8	0.8	1.0	1.1	1.2	1.3	1.4
Yugoslavia.....	16.3	17.5	18.4	19.4	20.4	20.7	20.9

<sup>1</sup> Excluding data for West Berlin.

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Table 16

Labor Force <sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	72.1	77.2	85.9	89.0
Communist Countries				
USSR and Eastern Europe.....	159	168	176	181
USSR <sup>3</sup> .....	110.6	117.9	124.2	128.1
Eastern Europe.....	48.2	49.7	52.1	53.0
Bulgaria.....	4.42	4.26	4.49	4.60
Czechoslovakia.....	6.40	6.77	7.26	7.39
East Germany.....	8.51	8.39	8.44	8.48
Hungary.....	4.74	4.78	5.01	5.07
Poland.....	14.13	15.21	16.35	16.76
Romania.....	10.00	10.27	10.56	10.72
Far East				
China <sup>4</sup> .....	307	328	N.A.	N.A.
North Korea <sup>4</sup> .....	4.6	5.3	5.9	6.4
North Vietnam <sup>4</sup> .....	8.2	9.4	9.7	10.0
Other				
Albania.....	0.73	0.82	0.94	1.00
Yugoslavia.....	8.27	8.77	8.78	8.88

<sup>1</sup> Unless otherwise indicated, data include the armed forces and the unemployed.<sup>2</sup> Annual averages of monthly data.<sup>3</sup> Excluding militarized security forces. Adjusted annual average.<sup>4</sup> Excluding the armed forces.

Table 17

Nonagricultural Labor Force <sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	60.3	66.7	75.2	78.2
Communist Countries				
USSR and Eastern Europe.....	91.4	107	122	129
USSR <sup>3</sup> .....	64.0	75.5	86.7	92.2
Eastern Europe.....	27.4	31.1	35.2	36.7
Bulgaria.....	1.93	2.34	2.87	3.06
Czechoslovakia.....	4.71	5.30	5.87	6.04
East Germany.....	6.95	7.00	7.38	7.46
Hungary.....	2.99	3.35	3.75	3.91
Poland.....	7.47	8.82	10.22	10.73
Romania.....	3.37	4.31	5.08	5.54
Far East				
China <sup>4</sup> .....	53	47	N.A.	N.A.
North Korea <sup>4</sup> .....	2.1	2.6	3.0	3.3
North Vietnam <sup>4</sup> .....	1.8	2.4	2.9	3.2
Other				
Albania.....	0.22	0.27	0.40	0.46
Yugoslavia.....	3.50	4.30	4.79	5.06

<sup>1</sup> Unless otherwise indicated, data include the armed forces.<sup>2</sup> Civilian employment. The data are annual averages of monthly data that exclude the armed forces.<sup>3</sup> Excluding militarized security forces. Adjusted annual average.<sup>4</sup> Excluding the armed forces.

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Table 18

Industrial Labor Force <sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	17.5	18.7	20.0	19.5
Communist Countries				
USSR and Eastern Europe.....	35.5	41.9	48.0	49.6
USSR <sup>3</sup> .....	22.6	27.4	31.6	32.4
Eastern Europe.....	12.9	14.5	16.4	17.2
Bulgaria.....	0.93	1.12	1.32	1.39
Czechoslovakia.....	2.38	2.59	2.76	2.82
East Germany.....	3.49	3.42	3.55	3.57
Hungary.....	1.37	1.58	1.88	1.98
Poland.....	3.19	3.87	4.55	4.83
Romania.....	1.58	1.96	2.37	2.64
Far East				
North Vietnam.....	0.5	0.9	1.1	1.0
Other				
Albania.....	0.09	0.11	0.18	0.20
Yugoslavia.....	1.50	1.83	1.98	2.07

<sup>1</sup> Including employment in manufacturing, mining, and electric power.<sup>2</sup> Annual averages of monthly employment data.<sup>3</sup> Adjusted annual average.

Table 19

Agricultural Labor Force <sup>1</sup>

Million Persons at Midyear

	1960	1965	1970	1972
United States <sup>2</sup> .....	7.06	5.61	4.52	4.39
Communist Countries				
USSR and Eastern Europe.....	67.4	60.9	54.4	52.3
USSR <sup>3</sup> .....	46.6	42.3	37.5	36.0
Eastern Europe.....	20.8	18.6	16.9	16.3
Bulgaria.....	2.49	1.93	1.62	1.53
Czechoslovakia.....	1.68	1.48	1.39	1.36
East Germany.....	1.56	1.38	1.06	1.03
Hungary.....	1.75	1.42	1.26	1.16
Poland.....	6.66	6.39	6.13	6.03
Romania.....	6.62	5.97	5.48	5.18
Far East				
China.....	254	281	N.A.	N.A.
North Korea.....	2.5	2.7	2.8	3.1
North Vietnam.....	6.4	7.0	6.8	6.8
Other				
Albania.....	0.51	0.55	0.54	0.55
Yugoslavia.....	4.78	4.47	3.99	3.82

<sup>1</sup> Excluding the armed forces.<sup>2</sup> Data are for civilian employment and are based on data published by the US Department of Agriculture.<sup>3</sup> Excluding militarized security forces.

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Table 20  
United States: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregate data</b>					
Gross national product.....	Billion 1971 US \$.....	691	875	1,022	1,118
Index of industrial production.....	1960 = 100.....	100	135	161	173
Total population (midyear).....	Million persons.....	181	194	205	209
Labor force <sup>1</sup> .....	Million persons.....	72.1	77.2	85.9	89.0
<b>Fuels and power</b>					
Primary energy (coal equivalents <sup>2</sup> )..	Billion metric tons.....	1.43	1.72	2.17	2.18
Electric power (gross).....	Trillion kilowatt-hours....	0.89	1.23	1.74	1.97
Crude oil.....	Million metric tons.....	348	385	475	467
<b>Metals</b>					
Crude steel <sup>3</sup> .....	Million metric tons.....	90.1	119.0	119.1	120.7
Rolled steel.....	Million metric tons.....	69.4	90.1	82.4	83.3
Refined copper <sup>4</sup> .....	Million metric tons.....	1.64	1.96	2.03	2.01
Primary aluminum.....	Million metric tons.....	1.83	2.50	3.61	3.74
<b>Agriculture</b>					
Grain <sup>5</sup> .....	Million metric tons.....	181	183	187	228
Meat <sup>6</sup> .....	Million metric tons.....	12.8	14.3	16.4	16.8
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	16.2	22.5	26.8	28.2
Mineral fertilizer (nutrients) <sup>7</sup> .....	Million metric tons.....	7.41	11.93	15.79	16.71
Cotton fabrics.....	Billion linear meters.....	8.56	8.47	5.85	5.25
Rayon and acetate fabrics.....	Billion linear meters.....	1.31	1.65	1.23	1.13
Metalcutting machine tools.....	Thousand units.....	42.9	68.0	49.3	41.6
Cement.....	Million metric tons.....	56.1	65.1	67.4	75.0
Passenger automobiles <sup>8</sup> .....	Million units.....	6.67	9.31	6.55	8.82
Semiconductors <sup>9</sup> .....	Billion units.....	0.31	1.52	3.08	3.86
Radio receivers.....	Million units.....	18.0	25.7	17.8	21.3
Television receivers.....	Million units.....	5.83	11.03	9.48	13.51
<b>Trade</b>					
Imports (c.i.f.).....	Billion US \$.....	16.4	23.2	42.4	58.9
Exports (f.o.b.) <sup>10</sup> .....	Billion US \$.....	19.7	26.8	42.7	49.2

<sup>1</sup> Including the armed forces and the unemployed. Data are annual averages of monthly data.

<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>3</sup> Excluding steel for castings made in foundries operated by companies not producing ingots.

<sup>4</sup> Including production from secondary plants and copper refined by manufacturers for their own use.

<sup>5</sup> Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.

<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.

<sup>7</sup> Data are for "fertilizer years" beginning 1 July of the stated year.

<sup>8</sup> Factory sales.

<sup>9</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.

<sup>10</sup> Excluding Department of Defense shipments.

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Table 22

## European Community: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	404	586	739	791
Total population (midyear).....	Million persons.....	232.4	243.6	251.5	254.7
<b>Fuels and power</b>					
Primary energy (coal equivalents <sup>2</sup> )....	Million metric tons.....	555	565	557	583
Electric power (gross).....	Billion kilowatt-hours.....	426	614	850	958
Hard coal.....	Million metric tons.....	432	409	310	268
Brown coal and lignite.....	Million metric tons.....	102	108	112	114
Crude oil.....	Million metric tons.....	11.6	15.6	13.2	11.4
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	97.9	114	138	138
Pig iron.....	Million metric tons.....	70.3	81.0	98.2	96.3
Iron ore.....	Million metric tons.....	107	90.4	80.9	72.3
Refined copper.....	Thousand metric tons.....	796	904	997	921
Primary aluminum.....	Thousand metric tons.....	520	735	952	1,290
<b>Agriculture</b>					
Grain <sup>3</sup> .....	Million metric tons.....	68.8	81.0	87.9	103
Potatoes.....	Million metric tons.....	61.3	47.5	46.1	42.1
Meat <sup>4</sup> .....	Million metric tons.....	10.2	11.9	13.1	13.4
Cattle (beginning of year).....	Million head.....	65.6	68.0	71.9	74.0
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	12.7	15.8	18.4	18.6
Mineral fertilizer (nutrients).....	Million metric tons.....	10.4	13.3	15.3	15.5 <sup>5</sup>
Cement.....	Million metric tons.....	77.4	107	132	141
Passenger automobiles.....	Million units.....	4.92	7.13	9.66	10.5
<b>Transportation and trade</b>					
Railroad freight traffic.....	Billion metric ton-kilo- meters.....	168	175	199	183
Imports (c.i.f.).....	Billion US \$.....	45.1	69.2	116	155
Exports (f.o.b.).....	Billion US \$.....	42.3	64.7	113	155

<sup>1</sup> Converted at central exchange rates.<sup>2</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.<sup>3</sup> Data are for barley, corn, oats, rice, rye, and wheat where they are produced.<sup>4</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, lamb, mutton, goat, and (except for the United Kingdom) horsemeat.<sup>5</sup> Data are for 1971.

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Table 23  
USSR: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	311*	414*	551*	580*
Index of industrial production.....	1960 = 100.....	100*	139*	190*	211*
Total population (midyear).....	Million persons.....	214	231	243	248
Labor force (midyear) <sup>2</sup> .....	Million persons.....	111	118	124	128
<b>Fuels and power</b>					
Primary energy (coal equivalents <sup>3</sup> )....	Billion metric tons.....	0.66	0.94	1.22	1.32
Electric power (gross).....	Billion kilowatt-hours.....	292	507	741	858
Hard coal.....	Million metric tons.....	356	398	433	451
Crude oil.....	Million metric tons.....	147	242	349	394
Natural gas <sup>4</sup> .....	Billion cubic meters.....	45.3	127.7	197.0	221.0
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	65.3	91.0	115.9	126.0
Rolled steel.....	Million metric tons.....	51.0	70.9	92.5	99.5
Pig iron.....	Million metric tons.....	46.8	66.2	85.9	92.3
Iron ore.....	Million metric tons.....	106	153	195	208
Refined copper.....	Million metric tons.....	0.49	0.77	1.10	1.25
Primary aluminum.....	Million metric tons.....	0.63	1.00	1.72*	1.87*
Lead.....	Thousand metric tons.....	324	433	597	650
<b>Agriculture</b>					
Grain <sup>5</sup> .....	Million metric tons.....	93	100	150	134
Meat <sup>6</sup> .....	Million metric tons.....	8.68	9.96	12.28	13.58
Milk.....	Million metric tons.....	61.7	72.6	83.0	83.2
Fish catch.....	Million metric tons.....	3.54	5.77	7.89	8.25
Cattle (beginning of year).....	Million head.....	74.2	87.2	95.2	102.4
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	5.40	8.52	12.06	13.70
Mineral fertilizer (nutrients).....	Million metric tons.....	3.28	7.39	13.10	15.94
Metalcutting machine tools.....	Thousand units.....	155.9	186.1	202.3	210.0
Cement.....	Million metric tons.....	45.5	72.4	95.2	104.3
Tractors.....	Thousand units.....	238.5	354.5	458.5	477.8
Passenger automobiles.....	Thousand units.....	139	201	344	730
<b>Transportation and trade</b>					
Railroad freight traffic.....	Trillion ton-kilometers....	1.50	1.95	2.49	2.76
Motor vehicle freight traffic.....	Billion ton-kilometers....	98.5	143.1	220.8	261.8
Imports (f.o.b.).....	Billion US \$.....	5.63	8.06	11.73	16.10
Exports (f.o.b.).....	Billion US \$.....	5.56	8.17	12.80	15.40

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Converted at US purchasing power equivalents.

<sup>2</sup> Data include the armed forces and the unemployed but exclude militarized security forces.

<sup>3</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>4</sup> Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.

<sup>5</sup> Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.

<sup>6</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, horsemeat, rabbit, poultry, game, edible offal, and lard.

Table 24

People's Republic of China: Selected Economic Data

	Unit of Measure	1960	1965	1970	1972
<b>Aggregative data</b>					
Gross national product <sup>1</sup> .....	Billion 1971 US \$.....	93 to 94	99 to 104	126 to 137	133 to 147
Index of industrial production <sup>2</sup> .....	1960 = 100.....	100	92 to 99	129 to 148	157 to 183
Total population (midyear).....	Million persons.....	685	747	837	878
Labor force (midyear) <sup>3</sup> .....	Million persons.....	307	328	N.A.	N.A.
Agricultural labor force (midyear).....	Million persons.....	254	281	N.A.	N.A.
<b>Fuels and power</b>					
Primary energy (coal equivalents <sup>4</sup> )....	Million metric tons.....	208	206	290	341
Electric power (gross).....	Billion kilowatt-hours.....	47	42	72	95
Hard coal <sup>5</sup> .....	Million metric tons.....	280	220	300	340
Crude oil.....	Million metric tons.....	4.6	8.0	20.0	30.0
Petroleum products.....	Million metric tons.....	4.7*	7.2*	18.0*	26.5*
<b>Minerals and metals</b>					
Crude steel.....	Million metric tons.....	13.0	11.0	18.0	23.0
Pig iron.....	Million metric tons.....	14.1*	12.5*	19.5*	27.6*
Iron ore.....	Million metric tons.....	28.2*	25.0*	39.0*	54.0*
Manganese ore.....	Thousand metric tons.....	708*	312*	485*	675*
Tungsten ore (60% WO <sub>3</sub> ).....	Thousand metric tons.....	28.7	14.6	11.5	13.0
Primary aluminum.....	Thousand metric tons.....	80*	115*	230*	280*
<b>Agriculture</b>					
Grain <sup>6</sup> .....	Million metric tons.....	160	190 to 195	220 to 225	210 to 215
Ginned cotton.....	Million metric tons.....	1.28	1.50	1.66	1.20
<b>Manufactured items</b>					
Sulfuric acid (100%).....	Million metric tons.....	1.35	2.20*	N.A.	N.A.
Mineral fertilizer (nutrients).....	Million metric tons.....	0.50*	0.88*	1.98*	2.92*
Cement.....	Million metric tons.....	12.0	13.9	20.8	29.8
Tractors.....	Thousand units.....	10.8	13.7	24.0	30.8
Trucks.....	Thousand units.....	15	34	70	100
<b>Trade</b>					
Imports (f.o.b.).....	Billion US \$.....	2.03	1.84	2.21	2.72
Exports (c.i.f.).....	Billion US \$.....	1.96	2.04	2.04	2.99

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Converted at US purchasing power equivalents.

<sup>2</sup> Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

<sup>3</sup> Data exclude the armed forces but include the unemployed.

<sup>4</sup> Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.

<sup>5</sup> Including a negligible amount of brown coal.

<sup>6</sup> Data are for barley, corn, oats, rice, rye, and wheat, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

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Table 25

## Factors of Consumption

	1960	1965	1970	1972
<b>Food</b>				
Grain production <sup>1</sup> (kilograms per capita)				
United States <sup>2</sup> .....	1,003	944	911	1,092
USSR <sup>3</sup> .....	434	433	618	541
Meat production <sup>4</sup> (kilograms per capita)				
United States <sup>5</sup> .....	71	74	80	80
USSR <sup>6</sup> .....	41	43	51	55
Persons supplied per farm worker				
United States.....	26	35	45	48
USSR.....	5	5	6	7
<b>Housing</b>				
Housing construction (square meters per capita)				
United States.....	0.8	0.8	0.7	1.1
USSR.....	0.5	0.4	0.4	0.4
<b>Transportation</b>				
Passenger automobile production (units per hundred persons)				
United States <sup>7</sup> .....	3.7	4.8	3.2	4.2
USSR.....	0.1	0.1	0.1	0.3
Passenger automobiles in use (units per hundred persons)				
United States <sup>8</sup> .....	34.1	38.7	43.5	46.2
USSR <sup>9</sup> <sup>10</sup> .....	0.4	0.5	0.7	1.0
<b>Communications</b>				
Television receivers in use <sup>10</sup> (units per hundred persons)				
United States.....	32	37	45	53
USSR.....	2	7	14	18
Radio receivers in use <sup>10</sup> (units per hundred persons)				
United States.....	93	125	164	177
USSR.....	13	17	20	21
<b>Household equipment</b>				
Washing machine production (units per thousand persons)				
United States <sup>7</sup> .....	18	22	20	24
USSR.....	4	15	22	12
Washing machines in use <sup>11</sup> (units per thousand persons)				
United States <sup>12</sup> .....	232	252	281	296
USSR.....	13 <sup>10</sup>	59 <sup>10</sup>	148 <sup>10</sup>	161
Refrigerator production (units per thousand persons)				
United States <sup>7</sup> .....	10	25	26	30
USSR.....	2	7	17	20
Refrigerators in use <sup>11</sup> (units per thousand persons)				
United States <sup>12</sup> .....	274	288	306	313
USSR.....	10 <sup>10</sup>	29 <sup>10</sup>	89 <sup>10</sup>	106

<sup>1</sup> The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

<sup>2</sup> Excluding corn silage and forage but including sorghum for grain.

<sup>3</sup> Including miscellaneous grains and pulses.

<sup>4</sup> Data are on a carcass weight, bone-in basis.

<sup>5</sup> Excluding slaughter fats, poultry, rabbit, and variety meats.

<sup>6</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>7</sup> Data are for factory sales and include complete units exported for assembly.

<sup>8</sup> As of the end of the registration year.

<sup>9</sup> Based on data for production, imports, exports, and estimated retirements.

<sup>10</sup> As of the end of the year.

<sup>11</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>12</sup> Data are understated because they are based on the number of households with one or more units; thus, a household with more than one is counted as having only one.

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Table 26

Percentage Distribution of Soviet Gross National Product, by End Use  
(Adjusted Factor Cost <sup>1</sup>)

	Percent of Total			
	1960	1965	1970	1972 <sup>2</sup>
Consumption.....	63*	59*	58*	60*
Investment.....	26*	29*	32*	34*
New fixed.....	21*	23*	25*	27*
Other <sup>3</sup> .....	5*	7*	7*	7*
Defense.....	8*	7*	6*	6*
Civil space programs.....	Negl.*	1*	1*	1*
Administration.....	2*	2*	2*	2*
Inventory change, net exports, and statistical discrepancy.....	1*	2*	2*	-3*
Total.....	100*	100*	100*	100*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of gross national product (GNP) in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1968 end use weights have been revised from an established price basis to a factor cost basis by subtracting turnover taxes and profits and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

<sup>2</sup> Preliminary.

<sup>3</sup> Civilian research and development and expenditures on capital repair.

Table 27

Soviet Hard Currency Trade Balance

	Million US \$			
	1960	1965	1970	1972
Exports.....	739	1,331	2,182	2,815
Imports.....	1,018	1,546	2,699	4,171
Trade balance.....	-279	-215	-517	-1,356

Table 28

Production and Reserves of Gold in the USSR

Million Troy Ounces

	Production	Reserves
1960.....	3.5*	70.7*
1961.....	3.8*	64.8*
1962.....	4.1*	61.2*
1963.....	4.4*	49.8*
1964.....	4.7*	38.7*
1965.....	5.0*	28.8*
1966.....	5.4*	31.8*
1967.....	5.7*	36.1*
1968.....	5.9*	40.7*
1969.....	6.3*	45.6*
1970.....	6.6*	50.9*
1971.....	7.1*	56.2*
1972.....	8.2*	58.2*

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 29

Aggregate Factor Productivity in the USSR  
(Average Annual Rate of Growth)<sup>1</sup>

Percent

	1961-65	1966-70	1970	1972 <sup>2</sup>
Gross national product <sup>3</sup> .....	5.0*	5.6*	8.3*	2.0*
Factor productivity.....	1.2*	2.1*	4.7*	-1.3*
Combined inputs.....	3.8	3.4	3.4	3.4
Factor productivity				
Manhours.....	3.1*	3.7*	6.3*	0.3*
Capital.....	-3.4*	-1.7*	0.8*	-5.0*
Land.....	4.4*	5.9*	9.3*	0.4*
Inputs <sup>4</sup>				
Manhours.....	1.9	1.8	1.9	1.7
Capital.....	8.6	7.5	7.4	7.4
Land.....	0.6	-0.2	-0.9	1.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Preliminary.

<sup>3</sup> Based on indexes of GNP (1968 rubles), by sector of origin, at factor cost.

<sup>4</sup> Inputs of manhours, capital, and land are combined using weights of 66.59%, 29.91%, and 3.50%, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs, charges on gross fixed capital (including livestock), and land rent in 1968, the base year for all indexes underlying the growth rate calculations.

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Table 30

**Industrial Factor Productivity in the USSR**  
(Average Annual Rate of Growth)<sup>1</sup>

	Percent			
	1961-65	1966-70	1970	1972 <sup>2</sup>
Industrial production .....	0.8*	6.5*	0.7*	5.0*
Factor productivity .....	0.4*	0.9*	2.8*	0.9*
Combined inputs .....	6.3	5.5	3.8	4.1
Factor productivity				
Manhours .....	3.7*	3.1*	6.0*	3.9*
Capital .....	-4.0*	-2.1*	-2.5*	-3.3*
Inputs <sup>3</sup>				
Manhours .....	3.0	3.3	0.1	1.0
Capital .....	11.2	8.7	9.3	8.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period.

<sup>2</sup> Preliminary.

<sup>3</sup> Inputs of manhours and capital are combined using weights of 58.4% and 41.6%, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages and social insurance deductions) and capital costs (charges on fixed and working capital and depreciation) in 1968, the base year for all indexes underlying the growth rate calculations.

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Table 31

Soviet Gross Fixed Capital Investment, by Function and by Sector <sup>1</sup>

Million Rubles

	1960	1965	1970	1972 <sup>2</sup>
Total investment.....	42,017	56,963	82,053	93,800 <sup>3</sup>
By function <sup>4</sup>				
Construction and installation.....	29,400	35,800	50,300	58,500 <sup>3</sup>
Equipment.....	10,400	17,500	25,300	28,200
Other capital outlays.....	2,200	3,700	6,400	7,100
By sector				
Industry <sup>5</sup>	15,211 <sup>6</sup>	21,117	29,567	33,200
Ferrous metallurgy.....	1,430	1,835	2,082	2,400
Chemicals and petrochemicals.....	1,056	2,171	2,415	2,700
Fuels and power.....	4,395	6,636	8,423	9,600
Machine building and metalworking.....	2,088	3,189	6,117	6,800
Construction materials.....	1,215	1,034	1,712	1,900
Consumer goods.....	2,280 <sup>6</sup>	2,792	4,489	5,200
Other <sup>7</sup> .....	2,747	3,460	4,329	4,600
Construction industry.....	1,181 <sup>6</sup>	1,493	3,008	3,800
Transport and communications.....	3,925 <sup>6</sup>	5,532	7,808	9,000
Agriculture.....	5,476	9,535	14,152	17,400
Housing.....	9,450	9,638	13,439	14,200
Services.....	6,768 <sup>6</sup>	9,648	14,079	16,200

<sup>1</sup> Beginning with the official handbooks for 1970, Soviet investment statistics are reported only in constant prices of 1 January 1969 instead of the previous constant prices of 1 July 1955. Consequently the ruble values shown in this table are different from those published in most earlier editions of the **Handbook**. Unless otherwise indicated, data are from the Soviet statistical handbook **Narodnoye khozyaystvo SSSR, 1922-1972**.

<sup>2</sup> Estimated, unless otherwise indicated. Data are rounded to nearest hundred million rubles.

<sup>3</sup> Preliminary figure given in or derived from **SSSR v tsifrakh v 1972 godu**, p. 146-147 and 150.

<sup>4</sup> Rounded to the nearest hundred million rubles. Values for 1960 were computed from percentage share distributions as reported in the Soviet statistical handbook, **Statisticheskii yezhgodnik stran-chlenov Soveta Ekonomicheskoy Vzaimopomoshchi**, 1971, p. 171.

<sup>5</sup> Excluding the construction industry.

<sup>6</sup> Estimated using coefficients of other years calculated as the ratios between investment in prices of 1 July 1955 and prices of 1 January 1969.

<sup>7</sup> Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, wood-working, and miscellaneous other branches of industry.

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Table 32  
Soviet State Budget

	Billion New Rubles						
	1960	1965	1970	1971	1972	1973	
	Actual	Actual	Actual	Actual	Actual	Plan	Plan
<b>Revenues</b>							
Social Sector.....	70.14	93.89	142.86	151.3	157.9	157.82	165.2
Turnover Tax.....	31.34	38.00	49.38	54.5	55.5	57.5	57.9
Profit Deductions.....	18.04	30.87	54.10	55.6	N.A.	60.7	64.2
Taxes on Enterprises and Organizations.....	1.85	1.55	1.23	1.4	N.A.	39.6	43.1
Social Insurance Receipts.....	3.74	5.56	8.20	8.8			
Residual.....	14.58	17.25	29.89	31.0			
Private Sector.....	6.94 <sup>1</sup>	8.43	13.84	14.7	18.0	15.99	16.6
State Taxes on the Population.....	5.60	7.70	12.74	13.7	N.A.	15.0	15.6
State Loans.....	0.91 <sup>1</sup>	0.18	0.47	0.3	N.A.	1.0	1.0
Local Taxes and Lottery Revenue.....	0.43	0.55	0.63	0.7			
Total.....	77.08 <sup>1</sup>	102.32	156.70	166.0	175.9	173.81	181.84
<b>Expenditures</b>							
Financing the National Economy.....	34.13	44.92	74.55	80.4	N.A.	82.63	86.5
Industry and Construction.....	15.59	20.99	30.53	N.A.	N.A.	32.2	33.9
Agriculture and Procurement.....	4.75	6.77	12.37	N.A.	N.A.	12.1	15.0
Transport and Communications.....	2.81	2.83	3.11	N.A.	N.A.	3.2	3.2
Trade.....	3.59	2.27	6.26	N.A.	N.A.	N.A.	34.4
Municipal Economy and Housing.....	3.22	4.23	6.46	N.A.	N.A.	5.6	
Other.....	4.17	7.83	15.82	N.A.	N.A.	N.A.	
Social-Cultural Measures.....	24.94	38.16	55.94	59.4	64.2	62.94	67.5
Education, Science, and Culture.....	10.31	17.51	24.77	26.3	N.A.	27.4	29.9
Health and Physical Culture.....	4.84	6.67	9.28	9.6	10.0	9.7	10.2
Social Welfare.....	9.79	13.99	21.89	23.5	N.A.	25.8	27.4
Administration.....	1.09	1.28	1.66	1.8	N.A.	1.77	1.8
Defense.....	9.30	12.78	17.85	17.9	N.A.	17.90	17.9
Loan Service.....	0.7	0.1	0.10	0.1	N.A.	0.2 <sup>2</sup>	0.2 <sup>2</sup>
Residual.....	2.97	4.38	4.50	4.6	N.A.	8.17	7.7
Total.....	73.13	101.62	154.60	164.2	175.1	173.61	181.61
Budget Surplus.....	3.95 <sup>1</sup>	0.70	2.10	1.8	0.8	0.20	0.23

<sup>1</sup> Including revenue from the savings deposits of the population.

<sup>2</sup> Estimated.

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Table 33

Estimated Drawings and Scheduled Repayments on Western Credits to the USSR<sup>1</sup>  
 Million US \$

	Estimated Drawings	Scheduled Repayments	Interest	Net Credits	Outstanding at End of Year
1960.....	125	37	2	86	136
1961.....	165	70	6	89	231
1962.....	180	106	10	64	305
1963.....	140	130	14	-4	315
1964.....	170	146	14	10	339
1965.....	190	149	17	24	380
1966.....	275	150	20	105	505
1967.....	305	152	29	124	658
1968.....	510	217	38	255	951
1969.....	630	265	57	308	1,316
1970.....	700	300	79	321	1,716
1971.....	700	360	103	237	2,056
1972.....	900	432	124	344	2,524

<sup>1</sup> Estimates of drawings are based on data derived from contracts indicating delivery and credit terms and on Soviet imports of machinery and equipment. In general, early contracts (1960-64) involved 80%-85% credit and 5% interest. A large number of contracts since 1965 have involved 85% credit and 6% interest. Repayment periods for the earlier credits were usually three to five years following downpayment. Typical terms since 1965 have been eight years following delivery of equipment.

Table 34

Soviet Stock of Fixed Capital, by Sector<sup>1</sup>Billion Rubles<sup>2</sup>

	1960	1965	1970	1972 <sup>3</sup>
Total capital stock <sup>4</sup> .....	328	496	712	829
Industry.....	84	144	217	256
Ferrous metallurgy.....	8	14	21	24
Chemicals and petrochemicals.....	4	10	18	22
Fuels and power.....	24	37	58	68
Machine building and metalworking.....	17	29	46	57
Construction materials.....	5	9	13	15
Consumer goods.....	12	18	27	31
Other <sup>5</sup> .....	14	27	34	39
Construction industry.....	6	10	19	23
Agriculture <sup>4</sup> .....	44	62	87	104
Transport and communications.....	42	64	92	106
Housing.....	102	137	176	195
Services.....	50	79	121	145

<sup>1</sup> The Soviet regime revalued most of the stock of fixed capital on hand as of 1 January 1972 in investment prices of 1969. The results of the revaluation, however, have not been announced to date. In the meantime, the fixed capital series expressed in prices of 1955 continues to be the official series, even though it is not compatible with the new official investment series expressed in prices of 1969 (see Table 31). The value of stocks in Table 34 is estimated as of 1 July of the respective year on the basis of end-of-year data reported in various Soviet statistical handbooks.

<sup>2</sup> In 1955 prices (see Footnote 1).

<sup>3</sup> Preliminary.

<sup>4</sup> Including the value of basic herds and draft animals.

<sup>5</sup> Nonferrous metals, timber, woodworking, paper, and miscellaneous other branches of industry.

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Table 35

Average Annual Rates of Growth<sup>1</sup> of Industrial Production, by Branch of Industry, in the USSR  
Percent

	1961-65	1966-71 <sup>2</sup>	1965	1970	1972 <sup>2</sup>
Industrial materials.....	7.1	6.0	7.4	6.9	5.1
Electric power.....	11.5	8.0	10.0	7.6	7.4
Coal.....	2.8	2.1	4.4	2.3	2.2
Petroleum products and natural gas....	9.9	7.7	8.1	8.1	5.7
Ferrous metals.....	7.9	5.3	7.2	5.9	3.9
Nonferrous metals.....	8.3	8.1	8.3	6.5	7.0
Forest products.....	3.0	3.6	1.5	5.5	3.8
Paper and paperboard products.....	7.8	6.9	12.8	6.9	4.6
Construction materials.....	7.2	6.0	8.8	8.1	5.3
Chemicals.....	12.1	8.9	14.6	11.8	6.6
Machinery.....	7.8*	7.3*	5.0*	6.3*	7.0*
Civilian.....	9.3	9.2	5.5	8.7	8.1
Nondurable consumer goods.....	4.5	6.0	6.1	6.6	1.5
Soft goods.....	2.4	7.4	1.2	6.8	1.3
Processed foods.....	7.0	4.4	11.6	6.4	2.2
Total industrial production.....	6.8*	6.4*	6.4*	6.7*	5.0*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.<sup>2</sup> Preliminary.

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Table 36

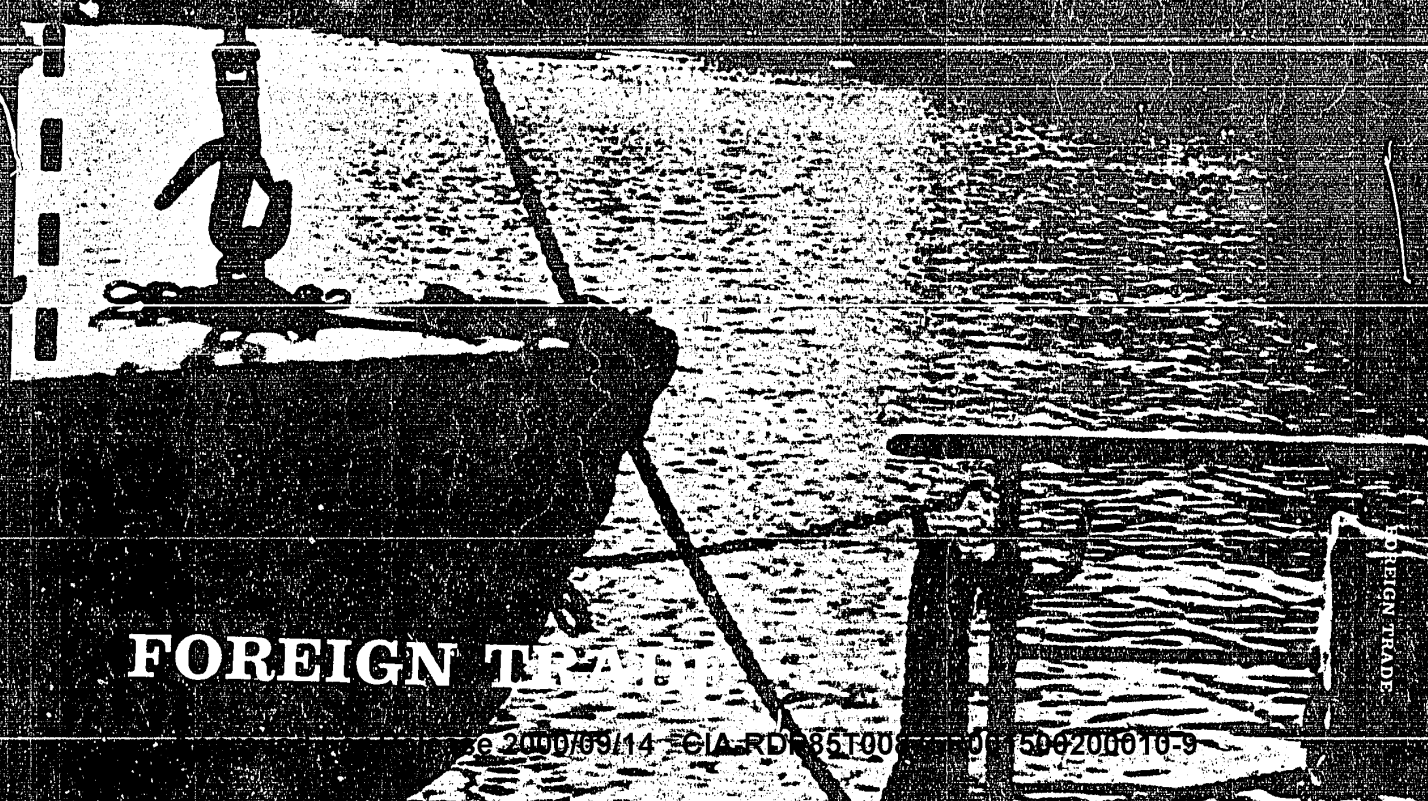
## Soviet Economic Plans for 1973 and 1971-75

	Production	Average Annual Rate of Growth <sup>1</sup> (Percent)					
		Unit of Measure	1972 Actual	1973 Plan	1966-70 Actual	1972 Actual	1973 Plan
Aggregative data							
Index of national income <sup>2</sup> .....	1965 = 100.....	160	170	7.7	4.0	6.0	6.8
Gross industrial production <sup>3</sup> .....	1965 = 100.....	173	183	8.4	6.5	5.8	8.0
Group A (producers' goods).....	1965 = 100.....	173	184	8.6	6.8	6.3	7.9
Group B (consumer goods).....	1965 = 100.....	171	179	8.3	6.0	4.5	8.3
Industrial labor productivity.....	1965 = 100.....	148	156	5.7	5.2	5.2	6.8
Fuels and power							
Electric power.....	Billion kilowatt-hours...	858	915	7.9	7.2	6.6	7.5
Total coal <sup>4</sup> .....	Million metric tons....	655	665	1.6	2.2	1.6	2.2
Crude oil <sup>5</sup> .....	Million metric tons....	394	424	7.6	5.9	7.6	7.3
Natural gas.....	Billion cubic meters....	221	238	9.2	4.0	7.7	10.1
Metals							
Crude steel.....	Million metric tons....	126	130.7	4.9	4.1	3.7	4.8
Pig iron.....	Million metric tons....	92.3	97.1	5.4	3.4	5.2	4.8
Chemicals							
Mineral fertilizer (Soviet statistical re- porting units).....	Million metric tons....	66.1	71.1	12.1	7.7	7.6	10.2
Plastics and synthetic resins.....	Thousand metric tons...	2,035	2,277	15.8	9.2	11.9	16.1
Manufacturing and construction							
Passenger automobiles.....	Thousand units.....	730	905	11.3	38.0	24.0	29.5
Trucks and buses.....	Thousand units.....	649	680	6.6	5.7	4.8	8.0
Tractors.....	Thousand units.....	478	502	5.3	1.3	5.0	4.6
Television receivers.....	Million units.....	6.0	6.12	12.8	2.6	2.0	0.3
Rubber tires.....	Million units.....	38.7	42.6	5.5	6.9	10.1	8.1
Cement.....	Million metric tons....	104.3	108.7	5.6	4.0	4.5	5.8

<sup>1</sup> The base year is the year prior to the stated period.<sup>2</sup> The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.<sup>3</sup> Official "gross" value series.<sup>4</sup> Raw gross output.<sup>5</sup> Excluding production of natural gas liquids.

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FOREIGN TRADE

Table 37

Trade of the United States with the Communist Countries <sup>1</sup>

Million US \$

	1960	1965	1970	1972
US exports to.....	503.3	289.0	520.6	1,047.4
USSR <sup>2</sup> .....	39.3	45.2	118.7	546.8
Eastern Europe.....	154.6	94.8	234.9	271.5
Bulgaria.....	0.1	3.6	15.3	3.4
Czechoslovakia.....	4.5	27.7	22.5	49.4
East Germany.....	4.0	12.4	32.5	14.9
Hungary.....	1.6	9.3	28.3	22.6
Poland.....	143.1	35.4	69.9	111.8
Romania.....	1.3	6.4	66.4	69.4
China.....	....	Negl.	....	60.2
Other <sup>3</sup> .....	309.4	149.0	166.9	168.9
US imports from.....	481.3	202.8	322.5	504.0
USSR <sup>2</sup> .....	22.6	42.6	72.3	95.5
Eastern Europe.....	58.2	94.7	153.3	224.6
Bulgaria.....	0.8	1.7	2.4	2.9
Czechoslovakia.....	12.2	16.7	23.9	28.0
East Germany.....	3.2	6.5	9.4	10.3
Hungary.....	1.8	2.1	6.2	12.7
Poland.....	38.8	65.9	97.9	139.2
Romania.....	1.5	1.8	13.4	31.5
China.....	0.3	0.5	Negl.	32.3
Other <sup>3</sup> .....	400.2	65.0	96.8	151.6

<sup>1</sup> Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

<sup>2</sup> Including data for Estonia, Latvia, and Lithuania.

<sup>3</sup> Including Albania, Cuba, Mongolia, North Korea, North Vietnam, and Yugoslavia.

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Table 38

Trade of the United States with the USSR, by Commodity <sup>1</sup>

Thousand US \$

	1960	1965	1970	1972
<b>Exports to the USSR <sup>2</sup></b>				
Total exports <sup>3</sup> .....	39,255	45,117	118,540	546,673
Food and beverages.....	60	....	964	370,097
Wheat.....	4	....	....	159,402
Barley.....	3	....	....	30,762
Corn.....	....	....	....	166,524
Oats.....	....	....	....	12,102
Tobacco and tobacco manufactures.....	....	36	1,320	559
Crude materials.....	4,022	15,902	31,806	71,220
Hides and skins, except furskins.....	2,622	6,170	14,768	10,363
Oilseeds, oil nuts, and kernels.....	....	6,374	....	52,146
Pulp and waste paper.....	....	1,986	13,911	8,041
Oils, fats, and waxes.....	....	17,493	....	1,701
Chemicals.....	3,099	5,730	24,683	20,976
Basic manufactures.....	12,310	59	8,776	10,189
Machinery and transport equipment.....	19,254	5,155	44,709	62,062
Nonelectric machinery.....	17,403	2,636	37,812	53,481
Electric machinery and apparatus.....	49	447	3,561	7,228
Transport equipment.....	1,802	2,072	3,336	1,353
Miscellaneous manufactures.....	258	144	5,221	9,163
Other.....	252	598	971	706
<b>Imports from the USSR <sup>4</sup></b>				
Total imports <sup>5</sup> .....	22,779	42,584	71,953	94,869
Food, beverages, and tobacco.....	221	568	619	713
Crude materials.....	8,008	13,867	18,314	17,963
Furskins, undressed.....	5,967	6,176	3,334	3,007
Chrome ore.....	160	4,373	13,691	14,057
Mineral fuels and related materials.....	....	....	2,807	7,464
Chemicals.....	8,175	960	913	1,250
Basic manufactures <sup>5</sup> .....	5,738	26,428	46,451	63,666
Diamonds and other precious stones....	....	....	13,439	13,487
Platinum group metals <sup>5</sup> .....	5,525	22,979	22,887	44,590
Nonferrous base metals.....	....	....	7,996	1,888
Miscellaneous manufactures.....	317	513	2,752	3,660
Other.....	320	248	97	93

<sup>1</sup> Including data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics prior to 1970.

<sup>2</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>3</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.

<sup>4</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

<sup>5</sup> Data may include unrefined metal.

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Table 39

## Trade of the United States with Eastern Europe, by Commodity

Thousand US \$

	1960	1965	1970	1972
<b>Exports to Eastern Europe<sup>1</sup></b>				
Total exports <sup>2</sup> .....	154,129	94,522	233,944	269,856
Food and beverages.....	99,375	40,030	71,662	95,806
Wheat.....	74,009	3,166	9,411	10,540
Corn.....	4,307	5,846	15,807	32,502
Tobacco and tobacco manufactures.....	2,819	2,299	2,463	3,532
Crude materials.....	22,597	22,042	59,117	86,834
Hides and skins except furskins.....	1,693	6,259	10,061	45,870
Cotton, unmanufactured.....	15,536	2,217	12,815	15,295
Oil seeds, oil nuts, and kernels.....	....	10,506	14,978	15,535
Mineral fuels.....	....	2,415	29,301	2,087
Oils, fats, and waxes.....	9,385	12,119	13,008	8,985
Chemicals.....	3,005	3,601	12,731	11,889
Basic manufactures.....	4,821	1,058	15,953	14,325
Machinery and transport equipment.....	4,495	5,580	24,296	40,478
Nonelectric machinery.....	3,944	4,472	18,940	33,110
Electric machinery and appliances.....	430	1,001	4,363	5,376
Transport equipment.....	121	107	993	1,992
Miscellaneous manufactures.....	623	890	4,838	5,144
Other.....	7,009	3,888	573	776
<b>Imports from Eastern Europe<sup>3</sup></b>				
Total imports <sup>2</sup> .....	57,444	94,731	153,245	224,475
Food, beverages, and tobacco.....	29,815	37,815	62,089	76,045
Crude materials and mineral fuels.....	8,942	7,533	11,139	16,097
Oils, fats, and waxes.....	392	241	12	249
Chemicals.....	1,206	3,280	6,877	13,792
Basic manufactures.....	8,171	25,409	37,205	63,226
Glass and glassware.....	3,643	5,458	6,979	13,898
Iron and steel.....	310	10,014	7,973	22,283
Metal manufactures.....	....	2,412	8,165	10,574
Machinery and transport equipment.....	4,184	5,609	11,710	18,833
Miscellaneous manufactures.....	2,357	10,999	23,610	35,584
Other.....	3,377	3,845	603	649

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.<sup>2</sup> The minor differences between the totals shown on this table and those shown on Table 37 are due to differences in definition.<sup>3</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

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Table 40

Trade of the United States with China, by Commodity

Thousand US \$

	1960	1965	1970	1971	1972
<b>Exports to China <sup>1</sup></b>					
Total exports.....	....	1	....	....	60,205
Wheat.....	....	....	....	....	32,007
Corn.....	....	....	....	....	23,022
Crude soybean oil.....	....	....	....	....	2,200
Miscellaneous manufactures.....	....	1	....	....	2,016
<b>Imports from China <sup>2</sup></b>					
Total imports.....	253	463	1	4,922	32,320
Food, beverages, and tobacco.....	....	....	....	1,517	4,275
Cassia.....	....	....	....	1,326	1,713
Crude materials.....	....	....	....	2,198	12,265
Bristles.....	....	....	....	1,862	6,741
Silk.....	....	....	....	65	2,422
Hair.....	....	....	....	181	1,556
Chemicals.....	....	....	....	279	2,145
Basic manufactures.....	....	47	1	467	7,360
Cotton cloth.....	....	....	....	43	1,599
Antimony.....	....	....	....	17	973
Miscellaneous manufactures.....	253	380	....	276	6,059
Antiques.....	201	380	....	146	3,390
Clothing.....	....	....	....	33	820
Other.....	....	36	....	185	216

<sup>1</sup> Exports are domestic exports only, excluding reexports, and are valued f.a.s.

<sup>2</sup> General imports for all years except 1960, for which import data are for consumption only. Imports are valued f.o.b. port of export.

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Table 41

Direction of Soviet Foreign Trade <sup>1</sup>

Million US \$

		Communist Countries						Non-Communist Countries			
		Total Trade	Total	Eastern Europe	China	Other Asian	Other <sup>2</sup>	Total	Developed Countries	Less Developed Countries	Unspecified <sup>3</sup>
1960.....	Exports.....	5,563.6	4,211.4	3,074.3	817.1	63.9	256.1	1,352.2	983.1	336.3	32.8
	Imports.....	5,628.4	3,978.3	2,795.0	848.1	97.8	237.4	1,650.1	1,079.8	564.5	5.8
1961.....	Exports.....	5,998.4	4,321.1	3,309.7	367.3	118.3	435.7	1,677.3	1,069.3	498.4	109.6
	Imports.....	5,827.6	4,146.7	3,044.1	551.4	104.8	446.4	1,680.9	1,092.9	579.2	8.8
1962.....	Exports.....	7,030.5	4,905.2	3,971.1	233.4	135.3	565.3	2,125.3	1,115.2	560.0	450.1
	Imports.....	6,455.4	4,565.5	3,590.3	516.3	118.4	340.4	1,889.9	1,282.8	604.4	2.7
1963.....	Exports.....	7,272.4	5,099.4	4,163.3	187.2	138.8	610.1	2,173.0	1,218.1	751.9	203.0
	Imports.....	7,058.7	4,986.4	4,146.8	413.0	123.4	303.1	2,072.3	1,399.5	664.5	8.2
1964.....	Exports.....	7,683.3	5,406.8	4,499.2	135.3	130.6	641.8	2,276.4	1,282.1	774.5	219.8
	Imports.....	7,736.5	5,346.4	4,450.4	314.2	115.4	466.3	2,390.1	1,734.4	654.1	1.6
1965.....	Exports.....	8,174.6	5,556.3	4,552.6	191.7	164.7	647.3	2,618.3	1,438.0	910.7	269.7
	Imports.....	8,058.3	5,609.8	4,672.6	225.6	118.9	592.8	2,448.4	1,600.8	845.2	2.4
1966.....	Exports.....	8,841.0	5,872.8	4,692.0	175.3	153.8	851.8	2,968.2	1,711.4	886.3	370.5
	Imports.....	7,912.8	5,263.8	4,462.1	143.1	117.7	541.0	2,649.0	1,741.6	903.5	3.8
1967.....	Exports.....	9,652.2	6,377.0	5,038.7	50.3	258.0	1,030.0	3,275.2	1,886.1	963.2	425.9
	Imports.....	8,536.6	5,945.5	5,092.5	56.7	128.9	667.4	2,591.1	1,782.1	805.1	3.9
1968.....	Exports.....	10,634.2	7,134.0	5,636.1	59.3	331.4	1,107.2	3,500.2	2,051.2	948.0	501.0
	Imports.....	9,409.9	6,367.0	5,643.6	36.7	138.8	548.0	3,042.9	2,143.6	885.0	14.2
1969.....	Exports.....	11,655.1	7,681.8	6,198.2	27.8	390.9	1,065.0	3,973.3	2,230.2	1,169.3	573.8
	Imports.....	10,326.7	6,696.0	6,011.4	29.0	143.4	512.2	3,630.6	2,494.5	1,119.0	17.1
1970.....	Exports.....	12,800.0	8,366.9	6,758.4	24.9	415.0	1,168.7	4,433.1	2,344.8	1,291.4	796.9
	Imports.....	11,731.5	7,636.4	6,633.7	21.7	154.4	826.5	4,095.2	2,780.3	1,298.8	16.1
1971.....	Exports.....	13,806.1	9,017.8	7,241.3	77.9	521.6	1,177.0	4,788.3	2,709.9	1,380.1	698.3
	Imports.....	12,478.7	8,176.9	7,257.4	76.2	159.7	683.7	4,301.7	2,859.6	1,412.5	29.6

<sup>1</sup> Official Soviet statistics. Exports and imports are f.o.b.<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.<sup>3</sup> Including data for Hong Kong.

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Table 42

Soviet Exports<sup>1</sup>

	1960		1965		1970		1971	
	Million US \$	Percent	Million US \$	Million US \$	Million US \$	Percent	Million US \$	Percent
Total exports.....	5,563.6	100.0	8,174.6	12,800.0	13,806.1	100.0		
Machinery and equipment.....	1,143.2	20.5	1,635.8	2,755.8	3,005.3	21.8		
Complete plants.....	570.6	10.3	613.5	955.1	N.A.	N.A.		
Fuels, lubricants, and related materials.....	901.8	16.2	1,386.4	1,987.8	2,406.1	17.9		
Coal and coke.....	242.1	4.4	384.3	408.3	488.5	3.5		
Petroleum and petroleum products.....	657.9	11.8	998.9	1,470.5	1,831.3	13.3		
Ores and concentrates.....	242.9	4.4	310.0	403.2	419.0	3.0		
Iron ore.....	175.0	3.1	250.7	324.9	334.7	2.4		
Base metals and manufactures.....	837.6	15.1	1,330.0	1,979.9	2,063.3	14.9		
Ferrous metals.....	642.7	11.6	998.3	1,351.9	1,364.3	9.9		
Rolled ferrous metals.....	480.2	8.6	716.5	892.1	853.8	6.2		
Nonferrous metals.....	194.9	3.5	331.8	628.0	699.0	5.1		
Aluminum.....	35.1	0.6	110.9	184.0	198.8	1.4		
Chemicals.....	150.8	2.7	245.3	364.2	396.9	2.9		
Wood and wood products.....	305.1	5.5	593.6	832.3	864.7	6.3		
Lumber.....	182.8	3.3	312.2	333.2	352.8	2.6		
Textile raw materials and semimanufactures.....	358.6	6.4	421.3	437.4	455.0	3.3		
Cotton fiber.....	288.7	5.2	334.7	372.0	399.9	2.9		
Consumer goods.....	907.7	16.3	903.9	1,357.0	1,590.7	11.5		
Food.....	702.3	12.6	663.5	1,016.7	1,242.3	9.0		
Grain <sup>2</sup> .....	467.8	8.4	270.3	399.1	602.2	4.4		
Other consumer goods.....	205.4	3.7	240.4	340.4	348.4	2.5		
Other and unspecified.....	715.9	12.9	1,348.3	2,682.4	2,545.1	18.4		

<sup>1</sup> Official Soviet statistics. Exports are f.o.b.<sup>2</sup> Excluding wheat flour.

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Table 43

Soviet Imports<sup>1</sup>

	1960		1965		1970		1971	
	Million US \$	Percent	Million US \$	Million US \$	Million US \$	Million US \$	Percent	Percent
Total imports.....	5,628.4	100.0	8,058.3	11,731.5	12,478.7	100.0		
Machinery and equipment.....	1,675.2	29.8	2,692.2	4,169.8	4,239.8	34.0		
Transportation equipment.....	360.1	11.7	990.0	1,233.1	1,084.2	8.7		
Fuels, lubricants, and related materials.....	237.3	4.2	198.5	228.0	326.2	2.6		
Coal and coke.....	93.5	1.7	123.0	124.2	149.6	1.2		
Petroleum and petroleum products.....	143.7	2.6	75.5	81.9	122.8	1.0		
Ores and concentrates.....	314.0	5.6	315.5	302.9 <sup>2</sup>	336.3 <sup>2</sup>	2.7		
Base metals and manufactures.....	545.9	9.7	389.4	691.6	750.7	6.0		
Ferrous metals.....	373.9	6.6	314.2	593.4	661.5	5.3		
Rolled ferrous metals.....	333.7	5.9	286.9	568.8	632.8	5.1		
Nonferrous metals.....	172.0	3.1	75.2	98.1	89.1	0.7		
Tin.....	34.8	0.6	21.0	29.8	14.4	0.1		
Chemicals.....	150.2	2.7	375.4	618.4	701.8	5.6		
Rubber and rubber products.....	195.9	3.5	198.9	191.8	154.4	1.2		
Wood and wood products.....	104.8	1.9	150.3	248.6	259.5	2.1		
Textile raw materials and semimanufactures.....	364.5	6.5	357.9	561.2	563.0	4.5		
Cotton fiber.....	179.9	3.2	161.7	249.6	252.7	2.0		
Wool fiber.....	118.0	2.1	100.0	120.1	113.1	0.9		
Consumer goods.....	1,573.5	28.0	2,656.6	3,792.4	4,144.1	33.2		
Food.....	612.3	10.9	1,511.1	1,591.4	1,589.2	12.7		
Wheat and wheat flour.....	9.6	0.2	424.8	139.1	174.2	1.4		
Other consumer goods.....	961.2	17.1	1,145.6	2,201.0	2,554.9	20.5		
Other and unspecified.....	467.1	8.3	723.6	926.8	1,003.0	8.0		

<sup>1</sup> Official Soviet statistics. Imports are f.o.b.<sup>2</sup> The value of this category is overstated because imports from Czechoslovakia include ores and concentrates, nonmetallic minerals, and metals.

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Table 44  
Direction of Chinese Foreign Trade <sup>1</sup>

Million US \$

		Communist Countries					Non-Communist Countries			
		Total Trade	Total	Eastern Europe	USSR	Other <sup>2</sup>	Total	Developed Countries	Less Developed Countries	Hong Kong and Macao
1960.....	Exports.....	1,960	1,335	310	850	175	625	240	245	140
	Imports.....	2,030	1,285	335	815	135	745	505	235	Negl.
1961.....	Exports.....	1,530	965	145	550	270	560	220	225	115
	Imports.....	1,495	715	160	365	190	775	600	175	Negl.
1962.....	Exports.....	1,525	915	105	515	295	605	210	260	140
	Imports.....	1,150	490	65	235	190	660	475	185	Negl.
1963.....	Exports.....	1,570	820	115	415	290	755	265	305	185
	Imports.....	1,200	430	50	185	195	776	580	190	Negl.
1964.....	Exports.....	1,750	710	100	315	295	1,040	415	350	270
	Imports.....	1,470	390	60	135	195	1,080	685	395	Negl.
1965.....	Exports.....	2,035	650	95	225	330	1,385	575	455	355
	Imports.....	1,845	515	110	190	215	1,330	920	405	5
1966.....	Exports.....	2,210	585	130	145	310	1,625	715	510	400
	Imports.....	2,035	505	140	175	190	1,530	1,140	385	5
1967.....	Exports.....	1,945	485	110	55	320	1,460	635	515	310
	Imports.....	1,950	345	135	50	160	1,605	1,345	260	Negl.
1968.....	Exports.....	1,945	500	140	35	325	1,445	620	500	325
	Imports.....	1,820	340	135	60	145	1,480	1,250	230	Negl.
1969.....	Exports.....	2,030	490	145	30	315	1,540	685	515	340
	Imports.....	1,830	295	120	25	150	1,535	1,245	290	Negl.
1970.....	Exports.....	2,045	475	160	20	295	1,570	675	525	370
	Imports.....	2,210	350	160	25	165	1,860	1,555	300	5
1971.....	Exports.....	2,410	580	190	75	315	1,830	810	575	445
	Imports.....	2,240	435	185	80	170	1,805	1,430	370	5
1972 <sup>3</sup> .....	Exports.....	2,990	690	220	125	350	2,300	1,065	710	525
	Imports.....	2,725	560	220	125	215	2,165	1,615	545	5

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b. and imports are c.i.f.

<sup>2</sup> Including data for Yugoslavia, Mongolia, Cuba, and Albania.

<sup>3</sup> Preliminary.

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Table 45  
Chinese Exports <sup>1</sup>

	Million US \$											
	1968			1969			1970			1971 <sup>2</sup>		
	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist
Total.....	1,945	1,445	500	2,030	1,540	490	2,045	1,570	475	2,410	1,830	580
Foodstuffs.....	535	450	85	615	535	80	645	555	90	790	650	140
Animals, meat, and fish.....	175	150	25	210	185	25	215	195	20	280	245	35
Grains.....	130	100	30	115	85	30	110	80	30	120	90	30
Fruits and vegetables.....	140	115	25	175	155	20	170	145	25	190	160	30
Crude materials, fuels, and edible oils.....	415	350	65	450	385	65	430	370	60	490	400	90
Oilseeds.....	85	85	....	75	75	....	65	65	....	15	15	....
Textile fibers.....	90	80	10	120	110	10	100	90	10	130	120	10
Crude animal materials.....	100	65	35	130	95	35	115	80	35	115	90	25
Chemicals.....	85	60	25	90	65	25	105	80	25	130	100	30
Manufactures.....	850	525	325	820	500	320	855	555	300	970	650	320
Textile yarn and fabric.....	270	200	70	310	235	75	340	260	80	325	245	80
Clothing.....	180	70	110	195	90	105	155	70	85	155	60	95
Iron and steel.....	25	Negl.	25	35	10	25	40	15	25	60	35	25
Nonferrous metals.....	25	15	10	35	25	10	25	15	10	45	35	10
Other.....	60	60	....	55	55	....	10	10	....	30	30	....

<sup>1</sup> Rounded to the nearest US \$5 million. Exports are f.o.b.

<sup>2</sup> Preliminary.

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Table 46  
Chinese Imports <sup>1</sup>

Million US \$

	1968			1969			1970			1971 <sup>2</sup>		
	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist	Total	Non-Com-munist	Com-munist
Total .....	1,820	1,480	340	1,830	1,535	295	2,210	1,860	350	2,240	1,805	435
Foodstuffs.....	410	335	75	350	280	70	355	285	70	300	230	70
Grain.....	305	305	....	260	260	....	280	280	....	210	210	....
Crude materials, fuels, and edible oils.....	300	235	65	310	255	55	360	280	80	340	275	65
Rubber.....	85	85	....	145	145	....	80	80	....	75	75	....
Textile fibers.....	100	100	....	90	90	....	110	110	....	115	115	....
Chemicals.....	315	310	5	310	305	5	330	320	10	295	280	15
Fertilizer.....	200	200	....	205	205	....	230	230	Negl.	200	200	....
Manufactures.....	775	590	185	850	685	165	1,155	965	190	1,275	1,000	275
Textile yarn and fabric.....	40	40	....	30	30	....	45	45	....	25	25	....
Iron and steel.....	265	240	25	275	255	20	405	370	35	475	430	45
Nonferrous metals.....	125	115	10	225	220	5	210	200	10	145	135	10
Machinery and equipment...	275	135	140	240	110	130	395	255	140	495	285	210
Other.....	20	10	10	10	5	5	10	10	....	30	20	10

<sup>1</sup> Rounded to the nearest US \$5 million. Imports are c.i.f.  
<sup>2</sup> Preliminary.

Table 47

Direction of East European Foreign Trade <sup>1</sup>

Million US \$

		Communist Countries						Non-Communist Countries		
		Total Trade	Total	USSR	Eastern Europe	Far East <sup>2</sup>	Other <sup>3</sup>	Total	Developed Countries	Less Developed Countries
1960.....	Exports.....	7,625	5,525	2,819	2,101	398	208	2,100	1,518	581
	Imports.....	7,761	5,556	2,955	2,084	351	166	2,204	1,703	501
1961.....	Exports.....	8,315	6,003	3,130	2,377	205	290	2,313	1,642	670
	Imports.....	8,467	5,982	3,227	2,334	175	245	2,485	1,936	549
1962.....	Exports.....	8,908	6,542	3,613	2,543	109	276	2,365	1,684	681
	Imports.....	9,237	6,793	3,835	2,540	146	271	2,445	1,879	566
1963.....	Exports.....	9,901	7,299	4,137	2,695	91	376	2,601	1,900	700
	Imports.....	9,730	7,094	3,995	2,660	154	285	2,637	1,989	648
1964.....	Exports.....	10,935	7,959	4,500	2,920	96	442	2,977	2,152	824
	Imports.....	10,860	7,639	4,318	2,889	143	289	3,221	2,484	737
1965.....	Exports.....	11,773	8,418	4,692	3,172	159	394	3,354	2,392	963
	Imports.....	11,598	8,107	4,436	3,112	147	412	3,490	2,626	865
1966.....	Exports.....	12,306	8,541	4,537	3,263	222	517	3,766	2,697	1,069
	Imports.....	12,702	8,586	4,710	3,265	173	438	4,115	3,178	937
1967.....	Exports.....	13,402	9,324	5,105	3,534	265	420	4,076	2,890	1,186
	Imports.....	13,497	9,178	5,083	3,537	148	412	4,320	3,409	911
1968.....	Exports.....	14,527	10,332	5,641	3,871	303	515	4,194	2,991	1,204
	Imports.....	14,517	10,050	5,559	3,876	181	435	4,467	3,492	974
1969.....	Exports.....	16,125	11,220	6,059	4,276	300	582	4,904	3,535	1,370
	Imports.....	16,045	11,081	6,204	4,246	200	430	4,964	3,896	1,068
1970.....	Exports.....	18,092	12,545	6,610	4,953	331	647	5,547	4,050	1,488
	Imports.....	18,446	12,500	6,803	4,909	232	556	5,945	4,751	1,195
1971.....	Exports.....	19,912	13,834	7,234	5,427	387	736	6,078	4,475	1,603
	Imports.....	20,219	13,688	7,297	5,472	254	664	6,531	5,318	1,213

<sup>1</sup> Official East European statistics. Exports are on a f.o.b. basis. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Including data for China, North Korea, and North Vietnam.

<sup>3</sup> Including data for Albania, Cuba, Mongolia, Yugoslavia, and unspecified trade.

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Table 48  
East European Exports, by Country <sup>1</sup>

	Million US \$			
	1960	1965	1970	1972 <sup>2</sup>
Bulgaria				
Total.....	572	1,176	2,004	2,579
Of which:				
USSR.....	307	614	1,078	N.A.
Eastern Europe.....	151	275	431	N.A.
Developed Countries.....	68	156	260	N.A.
OECD <sup>3</sup> .....	64	158	236	N.A.
Czechoslovakia				
Total.....	1,929	2,688	3,792	4,915
Of which:				
USSR.....	659	1,023	1,222	1,668
Eastern Europe.....	561	789	1,213	1,590
Developed Countries.....	309	444	746	918
OECD <sup>3</sup> .....	293	422	715	962
East Germany				
Total.....	2,207	3,070	4,581	6,298
Of which:				
USSR.....	925	1,311	1,742	2,530
Eastern Europe.....	588	852	1,386	1,939
Developed Countries.....	437	608	982	1,311
OECD <sup>3</sup> .....	439	572	1,096	1,289
Hungary				
Total.....	874	1,510	2,317	3,292
Of which:				
USSR.....	256	525	790	1,187
Eastern Europe.....	278	468	647	967
Developed Countries.....	185	322	558	N.A.
OECD <sup>3</sup> .....	155	279	533	N.A.
Poland				
Total.....	1,326	2,228	3,548	4,927
Of which:				
USSR.....	390	781	1,251	1,816
Eastern Europe.....	335	528	882	1,154
Developed Countries.....	374	607	962	1,363
OECD <sup>3</sup> .....	426	633	1,058	1,441
Romania				
Total.....	717	1,102	1,851	2,586
Of which:				
USSR.....	281	438	529	N.A.
Eastern Europe.....	189	260	395	N.A.
Developed Countries.....	146	255	550	N.A.
OECD <sup>3</sup> .....	138	234	552	N.A.

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Exports are on a f.o.b. basis.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

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Table 49  
East European Imports, by Country <sup>1</sup>

	Million US \$			
	1960	1965	1970	1972 <sup>2</sup>
Bulgaria				
Total .....	633	1,178	1,831	2,525
Of which:				
USSR .....	332	589	955	N.A.
Eastern Europe .....	174	236	372	N.A.
Developed Countries .....	84	242	324	N.A.
OECD <sup>3</sup> .....	79	221	327	N.A.
Czechoslovakia				
Total .....	1,816	2,672	3,695	4,662
Of which:				
USSR .....	630	955	1,209	1,548
Eastern Europe .....	524	851	1,124	3,132
Developed Countries .....	327	487	880	1,039
OECD <sup>3</sup> .....	281	445	776	1,084
East Germany				
Total .....	2,194	2,810	4,847	6,014
Of which:				
USSR .....	958	1,205	1,945	2,108
Eastern Europe .....	496	693	1,246	1,671
Developed Countries .....	473	619	1,267	1,809
OECD <sup>3</sup> .....	412	597	1,093	1,837
Hungary				
Total .....	976	1,520	2,505	3,154
Of which:				
USSR .....	303	553	832	1,094
Eastern Europe .....	317	415	726	885
Developed Countries .....	235	381	623	N.A.
OECD <sup>3</sup> .....	191	293	623	N.A.
Poland				
Total .....	1,495	2,340	3,608	5,329
Of which:				
USSR .....	465	728	1,361	1,591
Eastern Europe .....	400	706	1,000	1,491
Developed Countries .....	436	548	901	1,747
OECD <sup>3</sup> .....	449	484	865	1,755
Romania				
Total .....	648	1,077	1,960	2,613
Of which:				
USSR .....	266	406	501	N.A.
Eastern Europe .....	173	210	441	N.A.
Developed Countries .....	149	348	756	N.A.
OECD <sup>3</sup> .....	135	319	698	N.A.

<sup>1</sup> Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Imports are f.o.b. except for Hungary which is on a c.i.f. basis. Romania does not indicate whether imports are f.o.b. or c.i.f.

<sup>2</sup> Official East European statistics.

<sup>3</sup> Except for 1972, data are from OECD, Trade by Commodity, Series C, and Department of Commerce, Value Series.

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Table 50  
Yugoslav Foreign Trade

	Million US \$			
	1960	1965	1970	1972
<b>Exports</b>				
Total.....	566	1,092	1,680	2,135
Of which:				
USSR.....	53	188	242	314
Eastern Europe.....	129	270	297	435
Developed Countries.....	275	437	894	N.A.
OECD.....	297	465	939	N.A.
<b>Imports</b>				
Total.....	826	1,289	2,874	3,080
Of which:				
USSR.....	57	108	193	270
Eastern Europe.....	154	260	395	485
Developed Countries.....	498	670	1,902	N.A.
OECD.....	495	717	1,935	N.A.

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Table 51

Exports by Selected Non-Communist Countries <sup>1</sup>

Million US \$

	1960	1965	1970	1972
OECD.....	82,900	125,000	220,000	293,000
United States <sup>2</sup> .....	19,659	28,751	42,659	49,208
Australia.....	1,962	3,005	4,770	6,456
Canada.....	5,830	8,450	16,745	21,025
Japan.....	4,055	8,459	19,333	28,620
Spain.....	726	967	2,386	3,791
Sweden.....	2,506	3,971	6,795	8,740
Switzerland.....	1,879	2,960	5,132	6,817
European Community.....	42,300	64,700	113,000	155,000
Belgium-Luxembourg.....	3,791	6,394	11,600	16,081
Denmark.....	1,494	2,320	3,355	4,410
France.....	6,864	10,179	18,094	26,423
Ireland.....	428	619	1,120	1,605
Italy.....	3,648	7,200	13,206	18,548
Netherlands.....	4,028	6,397	11,773	16,782
United Kingdom.....	10,611	13,722	19,351	24,361
West Germany.....	11,418	17,893	34,189	46,695
Other Countries				
Algeria.....	558	637	1,009	N.A.
Argentina.....	1,079	1,493	1,773	1,868
Brazil.....	1,269	1,596	2,739	3,987
Chile.....	488	685	1,247	850
Colombia.....	466	539	727	586
Egypt.....	568	605	762	825
Hong Kong.....	689	1,143	2,514	3,477
India.....	1,331	1,687	2,026	2,413
Indonesia.....	841	708	1,009	1,880
Iran.....	845	1,303	2,355	2,937
Iraq.....	654	882	1,099	1,176
Israel.....	217	430	776	1,124
Kuwait.....	960	1,244	1,580	2,407 <sup>3</sup>
Libya.....	11	797	2,366	2,083 <sup>3</sup>
Malaysia.....	1,189	1,236	1,687	1,721
Mexico.....	764	1,120	1,402	1,814
Nigeria.....	475	751	1,240	2,146
Pakistan.....	393	528	723	681
Peru.....	430	666	1,044	943
Philippines.....	560	768	1,062	1,105
Saudi Arabia.....	820	1,305	2,361	3,845 <sup>3</sup>
Singapore.....	1,136	981	1,554	2,181
South Africa.....	1,260	1,500	2,186	2,673
South Korea.....	33	175	835	1,624
Taiwan.....	164	450	1,428	3,114
Thailand.....	408	622	710	1,063
Venezuela.....	2,432	2,482	2,655	3,170
Zaire.....	N.A.	318	735	692
Zambia.....	N.A.	533	1,001	670 <sup>3</sup>

<sup>1</sup> Exports are f.o.b.<sup>2</sup> Excluding Department of Defense shipments.<sup>3</sup> Data are for 1971.

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Table 52

Imports by Selected Non-Communist Countries <sup>1</sup>

Million US \$

	1960	1965	1970	1972
OECD.....	86,400	133,000	230,000	305,000
United States.....	16,375	23,185	42,380	58,944
Australia.....	2,704	3,767	5,060	5,144
Canada.....	6,166	8,087	14,482	20,497
Japan.....	4,491	8,176	18,897	23,404
Spain.....	722	3,004	4,717	6,732
Sweden.....	2,901	4,377	7,007	8,062
Switzerland.....	2,243	3,697	6,485	8,465
European Community.....	45,100	69,200	116,000	155,000
Belgium-Luxembourg.....	3,969	6,501	11,413	15,606
Denmark.....	1,806	2,823	4,406	5,053
France.....	6,281	10,386	19,127	27,002
Ireland.....	633	1,041	1,622	2,108
Italy.....	4,725	7,378	14,969	19,282
Netherlands.....	4,531	7,470	13,424	17,421
United Kingdom.....	13,033	16,104	21,724	28,048
West Germany.....	10,107	17,473	29,815	40,192
Other Countries				
Algeria.....	1,265	671	1,257	N.A.
Argentina.....	1,249	1,199	1,694	1,840
Brazil.....	1,462	1,096	2,849	4,750
Chile.....	526	604	931	1,430
Colombia.....	519	454	755	836
Egypt.....	668	933	785	877
Hong Kong.....	1,026	1,569	2,905	3,902
India.....	2,327	2,838	2,125	2,273
Indonesia.....	578	695	893	1,620
Iran.....	N.A.	860	1,658	2,410
Iraq.....	389	455	509	713
Israel.....	503	836	1,451	1,897
Kuwait.....	242	378	625	678 <sup>2</sup>
Libya.....	169	320	554	712 <sup>2</sup>
Malaysia.....	905	1,096	1,412	1,643
Mexico.....	1,186	1,560	2,461	2,937
Nigeria.....	604	770	1,059	1,501
Pakistan.....	654	1,047	1,151	667
Peru.....	373	744	603	791
Philippines.....	663	894	1,210	1,370
Saudi Arabia.....	235	506	693	806 <sup>2</sup>
Singapore.....	1,332	1,244	2,461	3,383
South Africa.....	1,711	2,705	3,923	4,022
South Korea.....	344	463	1,984	2,522
Taiwan.....	297	556	1,524	2,843
Thailand.....	453	735	1,293	1,484
Venezuela.....	1,188	1,518	1,994	2,405
Zaire.....	N.A.	305	533	638
Zambia.....	N.A.	375	606	650 <sup>2</sup>

<sup>1</sup> Imports are c.i.f.<sup>2</sup> Data are for 1971.

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Table 53

## Trade Balance of Selected Non-Communist Countries

Million US \$

	1960	1965	1970	1972
OECD.....	-3,560	-7,540	-9,670	-12,300
United States.....	3,284	3,506	270	-9,736
Australia.....	-742	-762	-290	1,312
Canada.....	-336	-237	2,263	528
Japan.....	-436	283	436	5,126
Spain.....	4	-2,037	-2,331	-2,941
Sweden.....	-335	-406	-212	687
Switzerland.....	-304	-737	-1,353	-1,048
European Community.....	-2,800	-4,450	-3,810	192
Belgium-Luxembourg.....	-178	-107	187	475
Denmark.....	-312	-503	-1,051	-643
France.....	583	-207	-1,033	-579
Ireland.....	-205	-422	-502	-503
Italy.....	-1,077	-178	-1,763	-734
Netherlands.....	-503	-1,073	-1,651	-639
United Kingdom.....	-2,422	-2,382	-2,373	-3,687
West Germany.....	1,311	420	4,374	6,503
Other Countries.....				
Algeria.....	-707	-34	-248	N.A.
Argentina.....	-170	294	79	28
Brazil.....	-193	500	-110	-763
Chile.....	-38	81	316	-580
Colombia.....	-53	85	-28	-250
Egypt.....	-100	-328	-23	-52
Hong Kong.....	-337	-426	-391	-425
India.....	-996	-1,151	-99	140
Indonesia.....	263	13	116	260
Iran.....	N.A.	443	697	527
Iraq.....	265	427	590	463
Israel.....	-286	-406	-675	-773
Kuwait.....	718	866	955	1,729 <sup>1</sup>
Libya.....	-158	477	1,812	1,971 <sup>1</sup>
Malaysia.....	284	140	275	78
Mexico.....	-422	-440	-1,059	-1,123
Nigeria.....	-129	-19	181	645
Pakistan.....	-261	-519	-428	14
Peru.....	57	-78	441	152
Philippines.....	-103	-126	-148	-265
Saudi Arabia.....	585	889	1,668	3,039 <sup>1</sup>
Singapore.....	4	-263	-907	-1,202
South Africa.....	-451	-1,205	-1,737	-1,349
South Korea.....	-311	-288	-1,149	-898
Taiwan.....	-133	-106	-96	271
Thailand.....	-45	-113	-583	-421
Venezuela.....	1,244	964	661	765
Zaire.....	N.A.	13	202	54
Zambia.....	N.A.	158	395	20 <sup>1</sup>

<sup>1</sup> Data are for 1971.

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Table 54

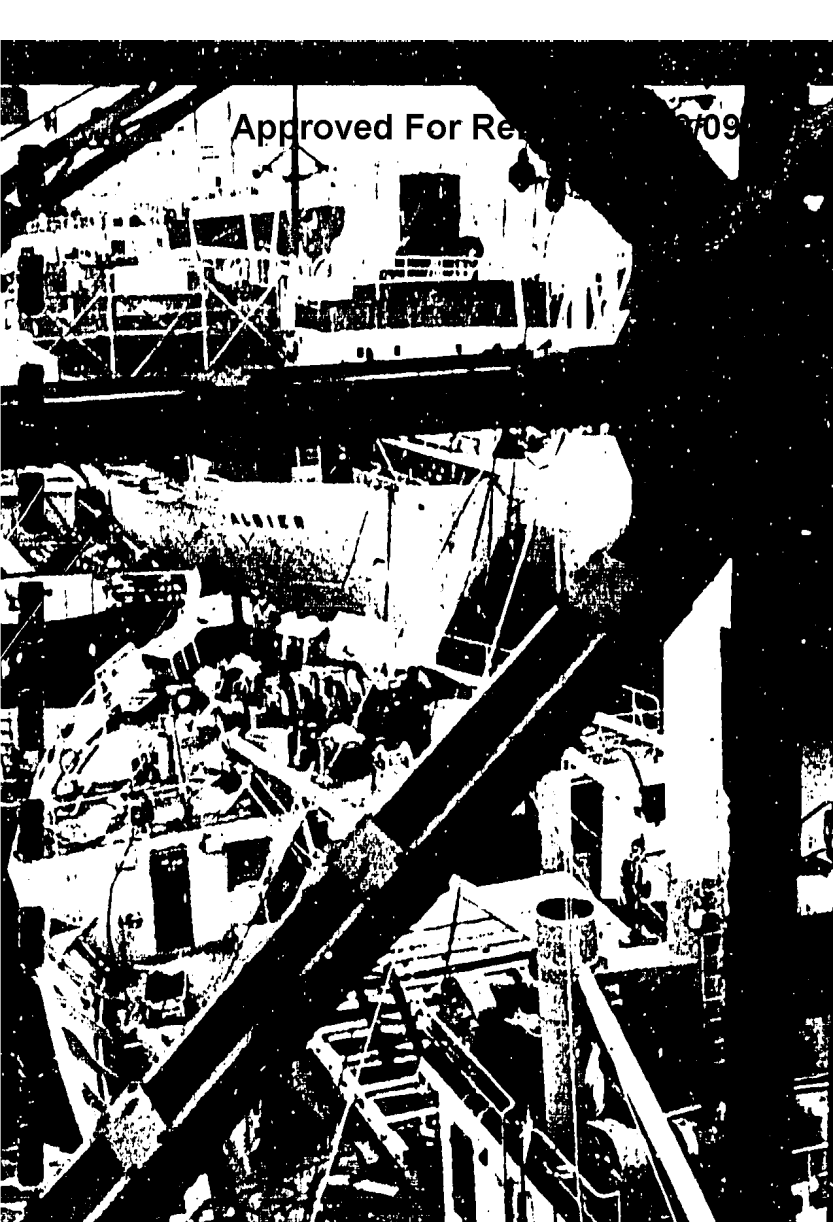
Arms Exports to the Less Developed Countries <sup>1</sup>

Million US \$

	1955-66	1967	1968	1969	1970	1971	1972	1967-72	1955-72
Total.....	19,105	1,750	2,140	2,170	2,940	3,015	3,020	15,035	34,140
Non-Communist Countries.....	14,790	1,215	1,555	1,655	1,855	2,035	2,175	10,485	25,275
United States <sup>2</sup> .....	11,435	900	1,005	1,080	1,405	1,455	1,460	7,365	18,800
Western Europe.....	2,740	295	460	480	415	465	615	2,730	5,470
United Kingdom.....	1,380	135	170	160	145	165	125	900	2,280
France.....	665	90	175	215	140	120	265	1,005	1,670
West Germany.....	250	35	55	35	75	70	100	370	620
Italy.....	140	20	30	15	25	45	50	185	325
Belgium.....	100	5	15	15	10	15	5	65	165
Switzerland.....	100	Negl.	Negl.	5	15	15	20	55	155
Netherlands.....	25	Negl.	5	20	5	5	40	75	100
Spain.....	10	5	10	5	Negl.	15	5	40	50
Other.....	70	5	Negl.	10	Negl.	15	5	35	105
Other.....	610	20	30	95	35	115	100	395	1,005
Communist Countries.....	4,320	535	585	515	1,085	980	845	4,545	8,865
USSR.....	3,590	485	500	440	985	830	710	3,950	7,540
China.....	120	25	25	25	25	65	75	240	360
Eastern Europe.....	610	25	60	50	75	85	60	355	965

<sup>1</sup> Exports include military sales and downpayments, as well as military aid. Data have been rounded to the nearest \$5 million.<sup>2</sup> Data are for fiscal years.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL





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Table 55

Total Gross Official Bilateral Capital Flows from Developed Countries to Less Developed Countries,<sup>1</sup> by Donor

Million US \$

	1954-71	1954-65	1966-71	1966	1967	1968	1969	1970	1971
Total official bilateral flows.....	101,385*	52,962*	48,423*	7,037*	7,387*	7,466*	7,986*	8,555*	9,992*
Development Assistance Committee <sup>2</sup> .	95,700	50,457	45,243	6,542	6,897	6,981	7,496	8,035	9,292
United States.....	54,207	31,786	22,421	3,799	3,804	3,775	3,533	3,510	4,000
France.....	14,630	8,951	5,679	791	828	913	990	1,039	1,118
United Kingdom.....	6,586	3,568	3,018	530	508	458	430	487	605
West Germany.....	6,641	2,540	4,101	556	611	643	676	718	897
Japan <sup>3</sup> .....	5,019	797	4,222	204	288	334 <sup>4</sup>	936 <sup>5</sup>	1,177	1,283
Other <sup>6</sup> .....	8,617	2,815	5,802	662	858	858	931	1,104	1,389
Communist Countries.....	5,685*	2,505*	3,180*	495*	490*	485*	490*	520*	700*
USSR.....	3,850*	1,885*	1,965*	335*	295*	295*	320*	335*	385*
Eastern Europe.....	1,130*	445*	685*	80*	115*	120*	100*	120*	150*
China.....	705*	175*	530*	80*	80*	70*	70*	65*	165*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

<sup>2</sup> Members of the Organization for Economic Cooperation and Development.

<sup>3</sup> Data for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits.

<sup>4</sup> Including reparation and indemnification payments of US \$46 million.

<sup>5</sup> Including reparation and indemnification payments of US \$41 million.

<sup>6</sup> Including Australia, Austria, Belgium, Canada, Denmark, Italy, Norway, the Netherlands, Portugal, Sweden, and Switzerland. Disbursements by all donors to Yugoslavia are excluded.

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Table 56

Total Gross Official Bilateral Capital Flows to Less Developed Countries,<sup>1</sup> by Recipient, 1954-71

Million US \$

	Communist Countries					Development Assistance Committee Members <sup>2</sup>		
	Total	Total	USSR	Eastern Europe	China	Total	United States	Other <sup>3</sup>
Total.....	101,385*	5,685*	3,850*	1,130*	705*	95,700	54,207	41,493
Africa.....	21,679*	815*	435*	110*	270*	20,864	4,264	16,600
Algeria.....	4,346*	180*	135*	10*	35*	4,166	185	3,981
Guinea.....	304*	160*	80*	30*	50*	144	96	48
Other.....	17,029*	475*	220*	70*	185*	16,554	3,983	12,571
East Asia.....	20,510*	445*	135*	165*	145*	20,065	14,612	5,453
Indonesia.....	3,472*	305*	105*	155*	45*	3,167	1,401	1,766
South Korea.....	4,915	....	....	....	....	4,915	4,156	759
South Vietnam.....	5,138	....	....	....	....	5,138	4,971	167
Other.....	6,985*	140*	30*	10*	100*	6,845	4,084	2,761
Latin America.....	15,959*	180*	55*	125*	....	15,779	11,348	4,431
Brazil.....	3,747*	125*	20*	105*	....	3,622	3,054	568
Chile.....	1,639	....	....	....	....	1,639	1,340	299
Other.....	10,573*	55*	35*	20*	....	10,518	6,954	3,564
Middle East and South Asia.....	33,508*	4,245*	3,225*	730*	290*	29,263	20,353	8,910
Afghanistan.....	1,099*	610*	580*	10*	20*	489	295	194
Egypt.....	2,670*	1,000*	730*	235*	35*	1,670	1,247	423
India.....	13,680*	1,190*	980*	210*	....	12,490	8,573	3,917
Iran.....	1,622*	390*	310*	80*	....	1,232	961	271
Iraq.....	282*	200*	150*	50*	....	82	53	29
Pakistan.....	5,730*	165*	90*	20*	55*	5,565	4,014	1,551
Syria.....	328*	260*	170*	80*	10*	68	32	36
Turkey.....	2,966*	110*	95*	15*	....	2,856	2,159	697
Yemen (San'a).....	199*	125*	65*	10*	50*	74	55	19
Other.....	4,932*	195*	55*	20*	120*	4,737	2,964	1,773
Europe.....	2,155	....	....	....	....	2,155	1,489	666
Other <sup>4</sup> .....	7,574	....	....	....	....	7,574	2,141	5,433

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total gross official capital flows include grants (less reparation and indemnification payments); gross loans with maturities of five years or more (Development Assistance Committee (DAC) member flows include gross loans with maturities of one to five years for the period 1965-71, but these amount to less than 4% of the total for that period); and net grant-like flows (loans repayable in recipients' currencies and transfers of resources through sales for recipients' currencies).

<sup>2</sup> Members of the Organization for Economic Cooperation and Development.

<sup>3</sup> Including Australia, Austria, Belgium, Canada, Denmark, France, Italy, Japan, Norway, the Netherlands, Portugal, Sweden, Switzerland, the United Kingdom, and West Germany. Data for Japan for the period 1954-68 exclude Japanese Eximbank and Overseas Economic Cooperation Fund supplier credits. Australia became a member of the DAC in 1966, and its bilateral flows are counted since 1965.

<sup>4</sup> Countries not specified by region and Oceania.

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Table 57

US Economic Loans and Grants to the Less Developed Countries, by Recipient<sup>1</sup>

	Million US \$		
	1946-72 <sup>2</sup>	1971 <sup>3</sup>	1972 <sup>3</sup>
Total.....	77,715	4,088	5,337
Africa.....	5,265	411	432
Ethiopia.....	298	23	33
Ghana.....	300	22	15
Liberia.....	296	11	17
Morocco.....	857	78	58
Nigeria.....	422	41	40
Tunisia.....	753	54	49
Zaire.....	452	29	6
Other.....	1,887	153	214
East Asia.....	21,084	1,354	1,499
Cambodia.....	388	77	58
Indonesia.....	1,667	180	246
Laos.....	793	50	52
Philippines.....	1,808	125	112
South Korea.....	5,635	223	299
South Vietnam.....	5,814	576	455
Taiwan.....	2,006	70	188
Thailand.....	674	25	36
Other.....	1,699	28	53
Latin America.....	16,654	647	1,170
Argentina.....	865	39	45
Bolivia.....	592	12	60
Brazil.....	4,120	193	322
Chile.....	1,485	9	9
Colombia.....	1,475	103	135
Dominican Republic.....	497	28	30
Ecuador.....	322	25	12
Guatemala.....	376	20	17
Mexico.....	1,254	32	52
Panama.....	336	20	64
Peru.....	720	20	75
Venezuela.....	455	15	44
Other.....	4,157	131	305
Middle East and South Asia.....	24,528	964	1,170
Afghanistan.....	446	15	36
Bangladesh.....	286	....	286
Egypt.....	1,017	....	105
Greece.....	1,957	14	14
India.....	9,253	457	128
Iran.....	1,176	85	44
Israel.....	1,468	87	125
Jordan.....	676	17	59
Pakistan <sup>4</sup> .....	4,182	120	170
Turkey.....	2,827	94	102
Other.....	1,220	75	101
Europe and Oceania.....	2,520	73	521
Spain.....	2,070	13	452
Other.....	450	60	69
Nonregional.....	7,664	638	544

<sup>1</sup> Data are for fiscal years and include economic and technical assistance and defense support obligations under the Foreign Assistance Act and antecedent legislation, authorized Inter-American Development Bank loans, PL 480 funds earmarked for shipments of surplus agricultural products, authorized long-term Export-Import Bank loans, and US contributions to international organizations.

<sup>2</sup> Data are reported on a net basis, excluding total deobligations.

<sup>3</sup> Data reported are on a gross basis. Deobligations generally are believed to be small.

<sup>4</sup> Including Bangladesh prior to 1972.

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Table 58

US Military Deliveries to the Less Developed Countries, by Recipient<sup>1</sup>

Million US \$

	1955-72	1971	1972
Total.....	19,834	1,507	1,535
Africa.....	452	39	49
Ethiopia.....	168	12	12
Libya.....	82	5	10
Morocco.....	75	9	4
Tunisia.....	36	2	2
Zaire.....	48	5	14
Other.....	43	6	7
East Asia.....	8,296	444	479
Burma.....	83	2	1
Malaysia.....	56	2	20
Philippines.....	390	20	17
South Korea.....	3,418	100	178
Taiwan.....	2,654	130	111
Thailand.....	538	16	4
Other.....	1,157	114	148
Latin America.....	1,376	93	111
Argentina.....	182	20	23
Brazil.....	337	10	17
Chile.....	155	8	24
Colombia.....	119	5	3
Ecuador.....	53	2	3
Peru.....	157	9	10
Uruguay.....	53	3	4
Venezuela.....	143	20	8
Other.....	179	16	19
Middle East and South Asia.....	8,676	878	819
Greece.....	1,437	136	72
India.....	173	4	8
Iran.....	1,673	113	309
Israel.....	1,145	424	243
Jordan.....	267	39	35
Pakistan.....	780	19	4
Saudi Arabia.....	453	20	20
Turkey.....	2,649	120	122
Other.....	99	4	6
Europe.....	1,033	51	75
Portugal.....	225	2	3
Spain.....	808	49	72

<sup>1</sup> Fiscal years. Including deliveries under the following programs: (a) Military Assistance Program (MAP) grants under the various Mutual Security Acts; (b) Foreign Military Sales (FMS), which consists of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (c) Excess Stock Sales (ESS), which involve surplus equipment that has been valued at 33% of the original acquisition value. Excluding some \$15.7 billion worth of arms provided under the Military Assistance Service Funded (MASF) program; MASF was designed to support non-US forces engaged in combat in Indochina and was provided directly from the US military budget. South Vietnam began receiving MASF funds in March 1966 and Laos and Thailand in 1967. South Korea, which had a large force in South Vietnam, received some MASF support. US data also exclude some \$700 million in naval equipment made available under the Ship Loan and Lease Program.

Table 59

Communist Economic Aid to Less Developed Countries, Extensions and Drawings

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total.....	15,023	6,405*	8,229	4,145*	4,095	1,255*	2,699	1,005*
1954-65.....	6,871	2,605*	4,226	1,870*	1,852	480*	793	255*
1966-72.....	8,152	3,800*	4,003	2,275*	2,243	775*	1,906	750*
1966.....	1,591	495*	1,244	335*	228	80*	119	80*
1967.....	437	490*	269	295*	118	115*	50	80*
1968.....	596	485*	374	295*	166	120*	56	70*
1969.....	906	490*	476	320*	430	100*	....	70*
1970.....	1,091	520*	194	335*	188	120*	709	65*
1971.....	1,806	700*	865	385*	468	150*	473	165*
1972.....	1,725	620*	581	310*	645	90*	499	220*

\*An asterisk indicates that the data are CONFIDENTIAL.

Table 60

Communist Military Aid to Less Developed Countries, Extensions and Drawings

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total.....	9,921 *	8,321 *	8,475 *	7,124 *	1,902 *	839 *	444 *	358 *
1955-65.....	4,716 *	3,564 *	4,050 *	3,017 *	550 *	499 *	116 *	48 *
1966-72.....	5,205 *	4,757 *	4,425 *	4,107 *	452 *	340 *	328 *	310 *
1966.....	516 *	569 *	449 *	455 *	15 *	43 *	52 *	71 *
1967.....	647 *	488 *	515 *	443 *	75 *	21 *	57 *	24 *
1968.....	525 *	531 *	462 *	455 *	45 *	50 *	18 *	26 *
1969.....	427 *	469 *	338 *	408 *	86 *	36 *	3 *	25 *
1970.....	1,073 *	1,021 *	984 *	926 *	34 *	71 *	55 *	24 *
1971.....	1,518 *	904 *	1,367 *	764 *	85 *	75 *	66 *	65 *
1972.....	499 *	775 *	310 *	656 *	112 *	44 *	77 *	75 *

\*An asterisk indicates that the data are CONFIDENTIAL.

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Table 61

Soviet Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

	1954-72	1971	1972
Total.....	8,229	865	581
Africa.....	1,252	192	....
Algeria.....	421	189	....
Ethiopia.....	102	....	....
Ghana.....	93	....	....
Guinea.....	168	....	....
Kenya.....	48	....	....
Mali.....	60	....	....
Morocco.....	88	....	....
Sierra Leone.....	28	....	....
Somalia.....	66	....	....
Sudan.....	64	....	....
Tanzania.....	20	....	....
Tunisia.....	34	....	....
Other.....	60	3	....
East Asia.....	154	....	....
Indonesia.....	114	....	....
Other.....	40	....	....
Latin America.....	448	41	144
Argentina.....	45	....	....
Bolivia.....	30	2	....
Brazil.....	85	....	....
Chile.....	238	39	144
Other.....	50	....	....
Middle East and South Asia.....	6,375	632	437
Afghanistan.....	826	5	121
Bangladesh.....	74	....	74
Egypt.....	1,198	196	....
India.....	1,593	....	....
Iran.....	562	....	....
Iraq.....	549	222	....
Pakistan <sup>1</sup> .....	474	209	....
Sri Lanka.....	38	....	....
Syria.....	317	....	84
Turkey.....	534	....	158
Yemen (San'a).....	92	....	....
Other.....	118	....	....

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 62

## Soviet Military Aid Extended to and Drawn by the Less Developed Countries

Million US \$

	Extended			Drawn		
	1956-72	1971	1972	1956-72	1971	1972
Total.....	8,475	1,367	310	7,124	764	656
Africa.....	604	125	....	482	39	19
Algeria.....	395	100	....	291	25	5
Burundi.....	Negl.	....	....	Negl.	....	....
Congo.....	14	....	....	7	5	....
Equatorial Guinea.....	Negl.	Negl.	....	Negl.	Negl.	Negl.
Ghana.....	10	....	....	10	....	....
Guinea.....	25	15	....	23	5	8
Mali.....	6	2	....	5	1	Negl.
Morocco.....	13	....	....	13	....	....
Nigeria.....	9	....	....	9	....	....
Somalia.....	54	8	....	53	1	6
Sudan.....	66	....	....	62	2	....
Tanzania.....	2	....	....	2	....	....
Uganda.....	10	....	....	7	....	....
East Asia.....	1,104	....	....	868	....	....
Burma.....	Negl.	....	....	Negl.	Negl.	....
Cambodia.....	12	....	....	10	....	....
Indonesia.....	1,092	....	....	858	....	....
Middle East and South Asia.....	6,767	1,242	310	5,774	725	637
Afghanistan.....	455	107	....	296	10	11
Bangladesh.....	N.A.	....	N.A.	....	....	....
Cyprus.....	26	....	....	18	....	....
Egypt.....	2,685	400	150	2,645	350	256
India.....	1,232	205	98	906	153	84
Iran.....	480	155	....	333	75	73
Iraq.....	1,002	250	....	750	30	80
Lebanon.....	3	3	....	3	....	3
Maldives.....	Negl.	Negl.	....	Negl.	....	....
Pakistan <sup>1</sup> .....	64	....	....	20	....	....
Sri Lanka.....	2	2	....	2	2	....
Syria.....	714	110	62	698	100	125
Yemen (Aden).....	27	10	....	26	5	11
Yemen (Sana'a).....	77	....	....	77	....	....

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 63

Chinese Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

	1956-72	1971	1972
Total.....	2,699	473	499
Africa.....	1,322	295	210
Algeria.....	92	40	....
Burundi.....	20	....	20
Central African Republic.....	4	....	....
Congo.....	25	....	....
Dahomey.....	44	....	44
Ethiopia.....	84	84	....
Ghana.....	40	....	....
Guinea.....	66	....	....
Kenya.....	18	....	....
Malagasy Republic.....	9	....	9
Mali.....	55	....	....
Mauritania.....	25	20	....
Mauritius.....	34	....	34
Rwanda.....	22	....	22
Somalia.....	132	110	....
Sudan.....	82	40	....
Tanzania.....	256	1	....
Togo.....	45	....	45
Tunisia.....	36	....	36
Uganda.....	15	....	....
Zambia.....	218	....	....
East Asia.....	281	57	....
Burma.....	84	57	....
Cambodia.....	92	....	....
Indonesia.....	105	....	....
Latin America.....	133	44	89
Chile.....	65	2	63
Guyana.....	26	....	26
Peru.....	42	42	....
Middle East and South Asia.....	963	77	200
Afghanistan.....	73	....	45
Egypt.....	106	....	....
Iraq.....	45	45	....
Malta.....	45	....	45
Nepal.....	62	....	....
Pakistan <sup>1</sup> .....	309	....	....
Sri Lanka.....	129	32	44
Syria.....	61	....	45
Yemen (Aden).....	55	....	....
Yemen (San'a).....	78	....	21

<sup>1</sup> Including Bangladesh prior to 1972.

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Table 64

Chinese Military Aid Extended to and Drawn by the Less Developed Countries, by Recipient  
Million US \$

	Extended			Drawn		
	1958-72	1971	1972	1958-72	1971	1972
Total.....	444	66	77	358	65	75
Africa.....	66	1	11	56	28	5
Algeria.....	12	....	....	12	....	....
Burundi.....	2	....	2	....	....	....
Congo.....	4	Negl.	1	3	2	....
Equatorial Guinea.....	Negl.	....	Negl.	....	....	....
Guinea.....	2	1	....	1	1	....
Mali.....	Negl.	Negl.	....	Negl.	Negl.	Negl.
Sierra Leone.....	Negl.	Negl.	....	Negl.	Negl.	Negl.
Sudan.....	3	....	3	2	....	2
Tanzania.....	43	....	5	38	25	3
Zambia.....	Negl.	Negl.	....	Negl.	....	Negl.
East Asia.....	35	....	....	34	....	....
Cambodia.....	14	....	....	13	....	....
Indonesia.....	21	....	....	21	....	....
Middle East and South Asia.....	343	65	66	268	37	70
Iraq.....	Negl.	Negl.	....	....	....	....
Pakistan <sup>1</sup> .....	335	60	65	260	36	64
Sri Lanka.....	6	5	1	6	....	6
Syria.....	2	....	....	2	1	....

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 65

East European Economic Aid Extended to Less Developed Countries, by Recipient  
Million US \$

	1954-72	1971	1972
Total.....	4,095	468	645
Africa.....	785	99	209
Algeria.....	246	....	150
Ethiopia.....	17	....	....
Ghana.....	102	....	....
Guinea.....	25	....	....
Mali.....	23	....	....
Morocco.....	40	....	....
Nigeria.....	38	24	....
Somalia.....	5	....	2
Sudan.....	153	75	....
Tanzania.....	13	....	7
Tunisia.....	73	....	....
Zambia.....	50	....	50
East Asia.....	306	....	....
Burma.....	26	....	....
Cambodia.....	17	....	....
Indonesia.....	263	....	....
Latin America.....	590	174	98
Argentina.....	9	....	....
Bolivia.....	26	25	....
Brazil.....	227	....	....
Chile.....	120	95	20
Colombia.....	5	5	....
Ecuador.....	15	5	....
Peru.....	153	44	78
Uruguay.....	25	....	....
Venezuela.....	10	....	....
Middle East and South Asia.....	2,414	195	338
Afghanistan.....	12	....	....
Bangladesh.....	25	....	25
Egypt.....	671	142	....
India.....	382	....	....
Iran.....	435	....	10
Iraq.....	419	37	200
Pakistan <sup>1</sup> .....	74	....	....
Sri Lanka.....	62	....	10
Syria.....	287	....	93
Turkey.....	14	....	....
Yemen (Aden).....	16	16	....
Yemen (San'a).....	17	....	....

<sup>1</sup> Including Bangladesh prior to 1972.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 66

East European Military Aid Extended to and Drawn by the Less Developed Countries,  
by Recipient

Million US \$

	Extended			Drawn		
	1955-72	1971	1972	1955-72	1971	1972
Total.....	1,002	85	112	839	75	44
Africa.....	37	....	....	32	1	....
Algeria.....	1	....	....	1	....	....
Congo.....	Negl.	....	Negl.	....	....	....
Guinea.....	1	....	....	1	....	....
Morocco.....	20	....	....	20	....	....
Sudan.....	9	....	....	4	1	....
Tanzania.....	1	....	....	1	....	....
Uganda.....	5	....	....	5	....	....
East Asia.....	199	....	....	189	....	....
Indonesia.....	199	....	....	189	....	....
Middle East and South Asia.....	766	85	112	618	74	44
Afghanistan.....	20	....	....	20	....	....
Cyprus.....	1	....	....	1	....	....
Egypt.....	331	15	20	331	11	33
India.....	107	53	1	106	49	4
Iraq.....	172	15	80	56	5	3
Syria.....	101	....	9	71	9	....
Yemen (Aden).....	4	2	2	4	....	4
Yemen (San'a).....	30	....	....	29	....	....

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Table 67

Communist Major Military Equipment Delivered to Less Developed Countries, by Recipient, 1972

	Land Armaments				Naval Auxiliary Vessels and Landing Craft	Aircraft		Air-to-Air Guided Missile Systems <sup>3</sup>	Surface-to- Air Guided Missile Systems <sup>4</sup>
	Light Tanks	Medium Tanks	Personnel Carriers <sup>1</sup>	Artillery Pieces		Jet Fighters	Other <sup>2</sup>		
Africa									
Algeria.....	....	40	....	....	....	....	....	....	....
Equatorial Guinea.....	....	....	5	....	....	....	....	....	....
Guinea.....	....	10	5	5	2	5	2	....	....
Libya.....	....	40	40	....	....	....	....	....	....
Mali.....	10	....	....	....	....	....	....	....	....
Nigeria.....	....	....	....	....	....	....	5	....	....
Somalia.....	....	....	15	40	5	2	5	....	....
Sudan.....	10	....	....	....	....	5	....	....	....
Tanzania.....	....	....	....	....	5	....	....	....	....
Zambia.....	....	....	25	....	....	....	....	....	....
Middle East and South Asia									
Afghanistan.....	....	35	5	....	....	....	5	....	....
Egypt.....	....	300	230	....	2	145	5	....	5
India.....	....	15	40	5	2	25	30	25	....
Iran.....	....	....	180	95	....	....	....	....	....
Iraq.....	....	115	50	5	3	10	15	....	4
Lebanon.....	....	....	....	25	....	....	....	....	....
Pakistan.....	....	170	....	340	6	30	....	....	....
Sri Lanka.....	....	....	....	10	5	....	....	....	....
Syria.....	....	100	30	5	2	35	15	35	4
Yemen (Aden).....	....	....	55	55	4	....	10	....	....

<sup>1</sup> Armored and amphibious.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AAMs (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (six launchers per SA-2 site, four launchers per SA-3 site).

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 58

Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries, by Recipient  
January 1967-December 1972

	Land Armaments					Naval Ships	
	Medium Tanks	Light Tanks	Self-Propelled Assault Guns	Personnel Carriers <sup>1</sup>	Artillery Pieces	Motor Torpedo and Missile Boats	Other
<b>Africa</b>							
Algeria.....	20	....	6	135	5	9	6 <sup>2</sup>
Congo.....	....	15	....	10	30	....	4 <sup>3</sup>
Equatorial Guinea.....	....	....	....	5	....	....	....
Guinea.....	20	15	....	10	25	2	3 <sup>3</sup>
Libya.....	360	....	25	350	190	....	....
Mali.....	....	10	....	....	....	....	....
Morocco.....	80	....	5	80	....	....	....
Nigeria.....	....	....	....	30	90	....	3 <sup>3</sup>
Somalia.....	70	....	....	45	125	....	7 <sup>3</sup>
Sudan.....	100	10	....	210	100	....	....
Tanzania.....	25	15	....	20	125	....	20 <sup>3</sup>
Uganda.....	....	....	....	35	25	....	....
Zambia.....	....	....	....	25	....	....	....
<b>East Asia</b>							
Cambodia.....	....	....	....	15	35	....	....
<b>Near East and South Asia</b>							
Afghanistan.....	135	....	....	165	95	....	....
Egypt.....	1,025	10	5	870	705	9	24 <sup>4</sup>
India.....	395	....	....	395	45	8	18 <sup>5</sup>
Iran.....	....	....	....	800	585	....	....
Iraq.....	370	....	30	585	280	3	2 <sup>6</sup>
Pakistan <sup>7</sup> .....	535	....	....	....	530	....	6 <sup>8</sup>
Sri Lanka.....	....	....	....	20	....	....	5 <sup>9</sup>
Syria.....	630	25	60	175	530	2	....
Yemen (Aden).....	65	....	....	115	145	....	6 <sup>10</sup>

<sup>1</sup> Armored and amphibious.<sup>2</sup> Including two minesweepers, three submarine chasers, and one auxiliary vessel.<sup>3</sup> Auxiliary vessels and landing craft.<sup>4</sup> Including two destroyers and three submarines received in exchange for older models returned to the USSR, seven minesweepers, and 12 auxiliary vessels and landing craft.<sup>5</sup> Including four submarines, seven submarine chasers, and seven auxiliary vessels and landing craft.<sup>6</sup> Minesweepers.<sup>7</sup> Including Bangladesh prior to 1972.<sup>8</sup> Patrol boats.<sup>9</sup> Motor gun boats.<sup>10</sup> Including four naval landing craft and two submarine chasers.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 69

Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries, by Recipient  
January 1967-December 1972

	Aircraft				Guided Missile Systems <sup>1</sup>		
	Light Jet Bombers	Jet Fighters	Heavy Transports	Other <sup>2</sup>	Air-to-Air <sup>3</sup>	Surface-to-Air <sup>4</sup>	Surface-to-Surface <sup>5</sup>
Africa							
Algeria.....	5	50	....	15	16	<sup>6</sup>	3
Congo.....	....	....	2	3	....	....	....
Guinea.....	....	5	....	5	....	....	....
Nigeria.....	....	35	....	20	....	....	....
Somalia.....	5	15	....	....	....	....	....
Sudan.....	....	30	....	15	30	1	....
Uganda.....	....	5	....	15	....	....	....
East Asia							
Cambodia.....	....	....	....	1	....	....	....
Middle East and South Asia							
Afghanistan.....	....	40	1	5	18	1	....
Egypt.....	60 <sup>7</sup>	565	5	240	271	105	3
India.....	170 <sup>8</sup>	....	....	80	23	....	....
Iraq.....	....	150	5	90	....	4	....
Pakistan <sup>9</sup> .....	....	60	....	10	....	....	....
Sri Lanka.....	....	5	....	5	....	....	....
Syria.....	....	265	5	75	129	14	....
Yemen (Aden).....	2	20	....	10	....	....	....
Yemen (San'a).....	5	30	....	....	....	....	....

<sup>1</sup> Data reflect numbers of aircraft, ships, and sites having missile capability.

<sup>2</sup> Including nonjet combat aircraft, trainers, transports, and helicopters.

<sup>3</sup> Number of fighter aircraft equipped with AAMs (two to four per aircraft).

<sup>4</sup> Number of SAM firing battalions, or sites (four to six launchers per site).

<sup>5</sup> Ship launched. These data substitute the number of Komar- and Osa-class ships equipped with SSMs (two to four per ship).

<sup>6</sup> An undetermined number of SAMs have been received.

<sup>7</sup> Including 24 medium jet bombers.

<sup>8</sup> Excluding those fighters assembled at the aeronautics plant in Nasik.

<sup>9</sup> Including Bangladesh prior to 1972.

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Table 70

Academic, Technical, and Military Trainees Departing from Less Developed Countries for Training in Communist Countries, by Area of Destination <sup>1</sup>

	1966	1967	1968	1969	1970	1971	1972
Total trainees.....	6,110	5,450	6,505	7,095	7,845	8,140	9,845
USSR and Eastern Europe.....	5,920	5,335	6,500	7,080	7,535	7,670	8,795
China.....	190	115	5	15	310	470	1,050
Academic trainees.....	3,355	3,000	3,535	3,995	3,645	4,100	4,270
USSR and Eastern Europe.....	3,355	3,000	3,535	3,995	3,645	4,100	4,070
China.....	....	....	....	....	....	....	200
Technical trainees.....	1,205	1,245	1,455	1,880	1,650	2,835	2,360
USSR and Eastern Europe.....	1,125	1,220	1,450	1,880	1,650	2,835	2,360
China.....	80	25	5	....	....	....	....
Military trainees.....	1,550	1,205	1,515	1,220	2,550	1,205	3,215
USSR and Eastern Europe.....	1,440	1,115	1,515	1,205	2,240	735	2,365
China.....	110	90	....	15	310	470	850

<sup>1</sup> Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

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Table 71

Military Personnel from Less Developed Countries Trained in Communist Countries<sup>1</sup>

	Departures to Communist Countries								Being Trained, December 1972			
	1971				1972							
	Total	USSR	Eastern Europe	China	Total	USSR	Eastern Europe	China	Total	USSR	Eastern Europe	China
Total.....	1,205	560	75	470	3,215	2,320	45	850	3,850	2,610	135	1,105
Africa.....	635	95	70	470	1,470	660	20	790	2,070	935	90	1,045
Algeria.....	....	....	....	....	....	....	....	....	170	170	....	....
Congo.....	90	15	....	75	20	....	20	....	225	110	20	95
Guinea.....	....	....	....	....	545	185	....	360	545	185	....	360
Nigeria.....	20	20	....	....	....	....	....	....	....	....	....	....
Sierra Leone.....	....	....	....	....	120	....	....	120	60	....	....	60
Somalia.....	130	60	70	....	500	450	....	50	570	450	70	50
Sudan.....	....	....	....	....	10	....	....	10	30	20	....	10
Tanzania.....	395	....	....	395	240	....	....	240	460	....	....	460
Zambia.....	....	....	....	....	35	25	....	10	10	....	....	10
Middle East and												
South Asia.....	570	565	5	....	1,745	1,660	25	60	1,780	1,675	45	60
Afghanistan.....	150	150	....	....	205	200	5	....	405	400	5	....
Bangladesh.....	....	....	....	....	250	250	....	....	250	250	....	....
Egypt.....	300	300	....	....	220	220	....	....	50	50	....	....
India.....	....	....	....	....	175	170	5	....	50	45	5	....
Iran.....	....	....	....	....	25	25	....	....	10	10	....	....
Iraq.....	45	40	5	....	155	145	10	....	235	225	10	....
Pakistan.....	....	....	....	....	60	....	....	60	60	....	....	60
Syria.....	50	50	....	....	535	530	5	....	555	530	25	....
Yemen (Aden).....	25	25	....	....	120	120	....	....	145	145	....	....
Yemen (San'a).....	....	....	....	....	....	....	....	....	250	250	....	....

<sup>1</sup> Rounded to the nearest five persons. Data refer to the number of persons departing for or in training but not necessarily completing training.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL



ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 72

Communist Economic and Military Technicians<sup>1</sup> in Less Developed Countries, by Country, 1972

	Economic				Military		
	Total	USSR	Eastern Europe	China	Total	USSR and Eastern Europe	China
Total.....	39,960	11,440	6,165	22,355	10,550	9,660	890
Africa.....	28,460	3,955	4,030	20,465	2,590	1,755	835
Algeria.....	3,080	1,480	1,100	500	1,000	1,000	....
Congo.....	620	260	30	330	60	30	30
Ethiopia.....	195	75	90	30	....	....	....
Ghana.....	130	45	80	5	....	....	....
Guinea.....	1,460	640	220	600 <sup>2</sup>	110	110	....
Kenya.....	130	15	115	....	....	....	....
Libya.....	1,160	10	1,150	....	20	20	....
Mali.....	455	120	40	295	20	10	10
Mauritania.....	215	15	....	200	....	....	....
Morocco.....	545	330	215	....	....	....	....
Nigeria.....	310	160	150	....	70	70	..
Somalia.....	1,215	200	15	1,000	400	400	....
Sudan.....	395	70	70	255	80	100	80
Tanzania.....	15,640	165	75	15,400	705	....	705
Tunisia.....	665	45	620	....	....	....	....
Zambia.....	1,825	80	10	1,735	....	....	....
Other.....	420	255	50	115	25	15	10
East Asia.....	75	25	20	30	....	....	....
Burma.....	55	25	....	30	....	....	....
Indonesia.....	15	....	15	....	....	....	....
Thailand.....	5	....	5	....	....	....	....
Latin America.....	385	225	130	30	....	....	....
Brazil.....	55	5	50	....	....	....	....
Chile.....	190	140	50	....	....	....	....
Other.....	140	80	30	30	....	....	....
Middle East and South Asia.....	11,040	7,225	1,985	1,830	7,960	7,905	55
Afghanistan.....	1,265	1,025	100	140	200	200	....
Bangladesh.....	60	60	....	....	....	....	....
Egypt.....	1,065	550	510	5	5,500 <sup>3</sup>	5,500 <sup>3</sup>	....
India.....	1,210	850	360	....	220	220	....
Iran.....	2,250	2,000	250	....	30	30	....
Iraq.....	880	685	195	....	500	500	....
Kuwait.....	35	15	20	....	....	....	....
Lebanon.....	25	....	25	....	....	....	....
Malta.....	15	....	....	15	....	....	....
Nepal.....	575	80	....	495	....	....	....
Pakistan.....	160	105	25	30	25	....	25
Sri Lanka.....	555	95	90	370	35	5	30
Syria.....	1,560	1,300	200	60	1,140	1,140	....
Turkey.....	190	180	10	....	....	....	....
Yemen (Aden).....	765	200	80	485	210	210	....
Yemen (San'a).....	430	80	110	230	100	100	....

<sup>1</sup> Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.

<sup>2</sup> Including 20 North Koreans.

<sup>3</sup> By the end of 1972, about a hundred Soviet military advisers were still stationed in Egypt.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 73

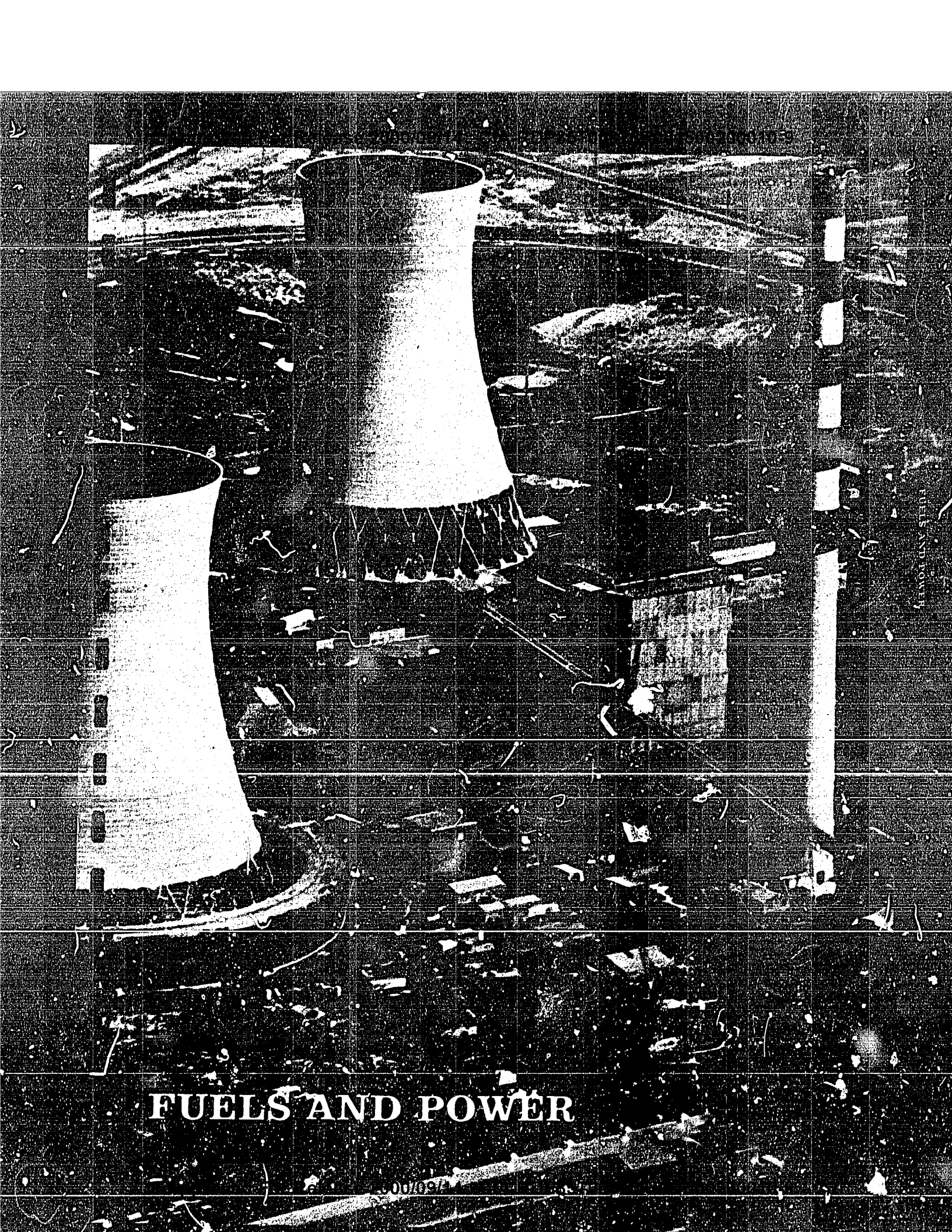
Soviet Economic Aid Extended to the Communist Countries, by Recipient<sup>1</sup>

Million US \$

	1954-65 <sup>1</sup>	1966	1967	1968	1969	1970	1971	1972	1966-72	1954-72
Total.....	6,188	543	1,042	1,065	1,148	404	1,812	1,835	7,849	14,037
Eastern Europe.....	2,946	....	10	500	591	Negl.	1,111	....	2,212	5,158
Bulgaria.....	1,104	....	....	333	591	....	....	....	924	2,028
Czechoslovakia.....	14	....	....	....	....	....	....	....	....	14
East Germany.....	990	....	....	....	....	....	....	....	....	990
Hungary.....	338	....	10	167	....	....	....	....	177	515
Poland.....	378	....	....	....	....	....	1,111	....	1,111	1,489
Romania.....	123	....	....	....	....	Negl.	....	....	Negl.	123
Far East.....	612	....	....	30	75	95	95	150	445	1,057
China.....	495	....	....	....	....	....	....	....	....	495
North Korea.....	118	....	....	30	75	95	95	150	445	562
Other.....	2,630	543	1,032	535	482	309	606	1,685	5,192	7,821
Albania.....	65	....	....	....	....	....	....	....	....	65
Cuba.....	1,327	413	482	535	482	309	506	1,025	3,752	5,079
Mongolia.....	1,059	....	550	....	....	....	100	120	770	1,828
Yugoslavia.....	178	130	....	....	....	....	....	540	670	848

<sup>1</sup> Excluding data for Eastern Europe prior to 1956 because war reparations and other assets and privileged arrangements obtained by the USSR from these countries created a heavy net flow of capital toward the USSR during these years.

ALL DATA IN THIS TABLE ARE CONFIDENTIAL



FUELS AND POWER

# FUELS AND POWER

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Table 74

Production of Primary Energy<sup>1</sup>

Million Metric Tons of Coal Equivalents

	1960	1965	1970	1972
OECD <sup>2</sup>				
United States.....	1,430.0	1,718.6	2,169.8	2,183.3
Canada.....	120.2	175.9	272.9	343.1
Japan.....	85.8	92.4	90.7	87.3
Norway.....	17.4	27.3	32.0	39.5
European Community.....	555	565	557	583
Belgium <sup>3</sup> .....	22.7	20.5	12.1	11.4
France.....	86.3	90.0	35.5	82.0
Italy.....	38.9	41.2	46.5	51.0
Netherlands.....	15.4	16.9	40.1	82.8
United Kingdom.....	199.9	202.1	176.9	173.7
West Germany.....	188.8	190.5	184.4	181.4
Other Countries				
Iran.....	69.6	124.5	265.4	344.3
Kuwait.....	107.7	144.1	184.0	201.9
Saudi Arabia.....	80.7	132.7	233.7	375.5
Communist Countries				
USSR and Eastern Europe.....	937*	1,270	1,600	1,720
USSR.....	662.7	942.5	1,218.1	1,323.0
Eastern Europe.....	275*	329	382	400
Bulgaria.....	7.7	9.4	10.2	9.2
Czechoslovakia.....	50.9	61.9	66.6	68.3
East Germany.....	73.6*	81.4	85.1	85.8
Hungary.....	14.8	18.3	20.6	19.4
Poland.....	93.5	110.9	137.4	149.0
Romania.....	34.2	43.8	62.2	68.2
Far East				
China.....	207.7	205.7	290.5	340.6
North Korea.....	14.1	21.6	28.1	30.1
North Vietnam.....	2.4*	3.7*	2.7*	2.1*
Other				
Albania.....	1.1	1.4*	2.4*	3.1*
Yugoslavia.....	15.5	21.3	24.1	26.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.<sup>2</sup> The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.32; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.<sup>3</sup> Including data for Luxembourg.

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Table 75

Production of Crude Oil<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD <sup>2</sup> .....	389,000	445,000	562,000	580,000
United States.....	347,975	384,946	475,344	467,456
Canada.....	25,630	39,457	62,256	77,100
European Community.....	11,600	15,600	13,200	11,400
Other Countries				
Abu Dhabi.....	N.A.	13,701	33,720	49,100
Algeria.....	8,632	26,025	47,280	50,000
Indonesia.....	20,596	23,920	42,084	50,400
Iran.....	52,392	94,126	191,736	245,000
Iraq.....	47,467	64,474	76,432	67,800
Kuwait.....	81,867	109,045	137,400	151,146
Libya.....	N.A.	58,378	161,712	106,267
Ligeria.....	850	13,538	54,096	88,900
Saudi Arabia.....	62,068	101,033	176,844	285,915
Venezuela.....	149,372	182,409	193,872	169,003
Communist Countries				
USSR and Eastern Europe.....	160,000	257,000	365,000*	411,000*
USSR.....	147,200	241,700	348,800	393,800
Eastern Europe.....	13,200	15,200	16,400*	17,000*
Bulgaria.....	200	229	334	248
Czechoslovakia.....	137	192	203	200
East Germany.....	Negl.	60	100*	100*
Hungary.....	1,217	1,803	1,937	1,977
Poland.....	194	339	424	347
Romania.....	11,500	12,571	13,377	14,128
Far East				
China <sup>2,3</sup> .....	4,600	8,000	20,000	30,000
Other				
Albania.....	728	820	1,480*	1,900*
Cuba.....	25	57	160	95
Yugoslavia.....	944	2,063	2,854	3,200

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.

<sup>2</sup> Including shale oil.

<sup>3</sup> Including small quantities of synthetic crude oil.

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Table 76

Proved Reserves of Crude Oil, Year-End 1972

	Billion Barrels	Percent
Total.....	619	100
Non-Communist Countries.....	576	93
North America.....	57	9
United States.....	44	7
Canada.....	10	2
Mexico.....	3	Negl.
South America.....	30	5
Venezuela.....	14	2
Ecuador.....	6	1
Other.....	10	2
Middle East.....	361	58
Saudi Arabia.....	146	24
Kuwait.....	73	12
Iran.....	65	11
Iraq.....	29	5
Abu Dhabi.....	21	3
Other.....	27	4
Africa.....	101	16
Algeria.....	47	8
Libya.....	30	5
Nigeria.....	15	2
Congo.....	5	1
Other.....	4	1
East Asia.....	15	2
Indonesia.....	10	2
Other.....	5	1
Western Europe.....	12	2
United Kingdom.....	5	1
Norway.....	2	Negl.
Other.....	5	1
Communist Countries.....	43	7
USSR.....	36	6
China.....	6	1
Eastern Europe.....	1	Negl.

Table 77

Production of Petroleum Products <sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
OECD				
United States.....	356.8	420.3	505.4	544.2
Canada.....	35.4	44.0	60.9	67.0 <sup>2</sup>
Japan.....	25.2	67.4	161.6	190.7 <sup>2</sup>
Spain.....	6.1	13.4	32.3	35.7
Sweden.....	2.8	3.8	11.4	10.7
European Community.....	152	293	495	531
Belgium.....	6.6	14.8	27.3	33.6
France.....	29.8 <sup>3</sup>	56.8	95.0	107.0
Italy.....	29.0	65.2	108.8	114.6
Netherlands.....	18.5	29.1	58.6	64.2
United Kingdom.....	40.9	60.9	94.7	98.4
West Germany.....	26.2	60.9	98.4	101.3
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	134*	207*	305*	348*
USSR.....	113.9*	173.6*	252.2*	285.0*
Eastern Europe.....	19.9*	33.0*	53.2*	63.5*
Bulgaria.....	0.1*	2.2	5.8	7.8
Czechoslovakia.....	2.6*	5.8*	9.2*	11.0*
East Germany.....	3.1*	6.1	11.4	12.7*
Hungary.....	2.5	3.9	5.8	7.3
Poland.....	0.8	3.4	6.8	9.1
Romania.....	10.8	11.6	14.2	15.6
Far East				
China.....	4.7*	7.2*	18.0*	25.0*
Other				
Albania.....	0.3*	0.5*	0.9*	1.2*
Cuba.....	3.1	3.7	4.3	4.3
Yugoslavia.....	1.3	2.9	6.5	8.4

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the following products, where they are produced: gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Including data for Algeria.

<sup>4</sup> Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.



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Table 78

Production of Natural Gas <sup>1</sup>

Million Cubic Meters

	1960	1965	1970	1972
OECD <sup>2</sup> .....	386,000	516,000	773,000	869,000
United States <sup>3</sup> .....	359,673	454,198	620,724	648,195
Australia.....	....	4	720	3,189
Canada.....	14,521	40,925	71,792	91,011
European Community.....	10,100	17,500	76,000	122,000
France.....	2,846	5,048	6,876	7,432
Italy.....	6,447	7,802	13,176	14,142
Netherlands.....	530	1,743	31,620	58,395
United Kingdom.....	1	13	11,256	24,995
West Germany.....	448	2,798	13,008	17,200
Other Countries.....				
Argentina.....	1,383	4,222	6,012	6,180
Iran.....	950	1,230	11,220	18,200
Kuwait.....	941	1,794	4,044	N.A.
Mexico <sup>4</sup> .....	9,665	13,965	18,840	18,200
Venezuela.....	4,606	6,538	8,976	9,200
Communist Countries <sup>5</sup> .....				
USSR and Eastern Europe.....	57,800	149,000	234,000*	264,000*
USSR.....	45,303	127,666	197,945	221,000
Eastern Europe.....	12,500	20,900	36,300*	43,400*
Bulgaria.....	....	73	474	220
Czechoslovakia <sup>6</sup> .....	1,294	752	900*	800*
East Germany.....	26	133	1,233	5,000
Hungary.....	342	1,108	3,469	4,086
Poland.....	549	1,378	5,182	5,823
Romania.....	10,330	17,452	25,031	27,491
Other.....				
Yugoslavia.....	53	330	977	1,242

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data include only gas from natural gas wells and associated gas from petroleum fields.<sup>2</sup> Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.<sup>3</sup> Data for the United States are in terms of net marketed production. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure would be as follows (in billion cubic meters):

1960 1965 1970

411 500 674

A much smaller share of total production in the USSR is believed to be used for repressuring.

<sup>4</sup> Including gas used for repressuring and gas wasted.<sup>5</sup> Gross production.<sup>6</sup> Production from gasfields only.

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Table 79  
Production of Hard Coal <sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD.....	923	991	973	917
United States.....	301.5	475.3	550.4	529.3
Australia.....	21.9	30.1	45.6	55.1
Canada.....	8.0	8.6	11.6	19.5
Japan.....	51.1	49.5	39.7	28.0
Spain.....	13.8	12.9	10.8	11.0
European Community.....	432	409	310	268
Belgium.....	22.5	19.8	11.4	10.5
France.....	56.0	51.4	37.4	30.5
Netherlands <sup>2</sup> .....	12.5	11.4	4.3	2.8
United Kingdom <sup>3</sup> .....	196.7	190.5	144.6	121.8
West Germany <sup>2</sup> .....	143.3	135.5	111.4	102.5
Other Countries				
India.....	52.6	67.2	73.7	74.7
South Africa.....	38.2	48.5	54.6	58.4
South Korea.....	5.4	10.2	12.4	12.3
Communist Countries				
USSR and Eastern Europe.....	496	556	613	641
USSR.....	355.9	397.6	432.7	451.0
Eastern Europe.....	140	158	180	190
Bulgaria.....	0.6	0.6	0.4	0.4
Czechoslovakia.....	26.2	27.6	28.1	27.9
East Germany.....	2.7	2.2	1.0	0.8
Hungary.....	2.8	4.4	4.2	3.7
Poland.....	104.4	118.8	140.1	150.7
Romania.....	3.4	4.7	6.4	6.6
Far East				
China <sup>4</sup> .....	280.0	220.0	300.0	340.0
North Korea.....	6.8	12.8	21.8	23.9
North Vietnam.....	2.6	4.0*	2.9*	2.0
Other				
Yugoslavia.....	1.3	1.2	0.6	0.6

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for net production of anthracite and bituminous coal.

<sup>2</sup> Including low-quality coal at its hard-coal equivalent.

<sup>3</sup> Excluding data for Northern Ireland.

<sup>4</sup> Including a negligible amount of brown coal.

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Table 80

Production of Brown Coal and Lignite

	Million Metric Tons			
	1960	1965	1970	1972
OECD.....	135	150	166	171
United States.....	2.5	2.8	5.4	5.9
Australia.....	15.2	21.0	24.3	24.0
Austria.....	6.0	5.4	3.7	3.8
Canada.....	2.0	1.9	3.5	3.0
Greece.....	2.5	5.1	7.7	11.3
Spain.....	1.8	2.8	2.8	3.1
Turkey.....	1.9	3.1	4.5	5.5
European Community.....	102	108	112	114
Denmark.....	2.7	2.1	0.1	0.1
France.....	2.3	2.7	2.8	3.0
West Germany.....	96.2	101.9	107.8	110.4
Other Countries				
India.....	Negl.	2.3	3.5	3.1
New Zealand.....	2.2	2.0	1.9	1.7
Communist Countries				
USSR and Eastern Europe.....	469	550	586	590
USSR <sup>1</sup> .....	134.2	147.4	144.7	153.0
Eastern Europe.....	335	403	441	437
Bulgaria.....	15.4	24.5	28.9	26.9
Czechoslovakia.....	57.9	72.3	81.3	85.0
East Germany.....	225.5	250.8	260.6	248.4
Hungary.....	23.7	27.1	23.7	22.2
Poland.....	9.3	22.6	32.8	38.2
Romania.....	3.4	5.6	14.1	16.6
Far East <sup>2</sup>				
North Korea <sup>3</sup> .....	3.5	5.0	5.7	6.1
Other				
Albania.....	0.3	0.3	0.6	0.8
Yugoslavia.....	21.4	28.8	27.8	30.3

<sup>1</sup> Net output.

<sup>2</sup> Negligible production for China.

<sup>3</sup> Including unknown amounts of hard coal.

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Table 81

Production of Electric Power <sup>1</sup>

Billion Kilowatt-Hours

	1960	1965	1970	1972
OECD <sup>2</sup> .....	1,710	2,420	3,490	3,970
United States.....	893.72	1,229.64	1,742.73	1,968.09
Of which: hydro.....	149.12	196.99	250.70	276.12
Australia.....	24.49	35.64	53.83	60.05
Canada.....	115.10	146.31	208.26	244.31
Japan.....	111.49	188.38	350.59	416.00
Norway.....	31.14	49.06	57.63	67.55
Spain.....	18.61	31.72	56.49	68.14
Sweden.....	34.72	49.11	60.64	70.67
European Community.....	426	614	850	958
Belgium.....	15.15	21.71	30.52	36.91
France.....	75.01	105.52	146.65	167.49
Italy.....	56.24	82.97	117.42	137.00
Netherlands.....	16.52	25.01	40.86	49.55
United Kingdom.....	136.97	195.99	248.61	268.67
West Germany.....	116.42	168.76	237.21	268.60
Communist Countries				
USSR and Eastern Europe.....	406	677	987	1,140
USSR.....	292.27	506.67	740.93	858.00
Of which: hydro.....	50.91	81.43	124.38	123.00
Eastern Europe.....	114	170	246	283
Bulgaria.....	4.66	10.24	19.51	22.22
Czechoslovakia.....	24.45	34.19	45.16	51.38
East Germany.....	40.30	53.61	67.65	72.80
Hungary.....	7.62	11.18	14.54	16.32
Poland.....	29.26	43.77	64.52	76.40
Romania.....	7.65	17.22	35.09	43.39
Far East				
China.....	47	42	72	95
North Korea.....	9.14	13.4	16.5	18.0*
North Vietnam.....	0.26	0.57*	0.51*	0.35
Other				
Albania.....	0.19	0.34	1.00	1.32
Cuba.....	2.98	3.56	5.00	5.38
Yugoslavia.....	8.93	15.52	26.02	32.80

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote 2.)<sup>2</sup> Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5% the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.

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Table 82  
Installed Electric Power Generating Capacity <sup>1</sup>

	Thousand Kilowatts			
	1960	1965	1970	1972
OECD				
United States.....	186,534	254,519	360,355	418,457 <sup>2</sup>
Canada.....	23,035	29,348	42,826	49,400 <sup>2</sup>
Japan <sup>3</sup> .....	23,657	41,005	68,262	86,700 <sup>2</sup>
Norway.....	6,607	9,915	12,910	13,600 <sup>4</sup>
Spain.....	6,567	10,173	17,900	19,100 <sup>2 4</sup>
Sweden.....	8,957	12,042	15,307	17,000 <sup>2 4</sup>
European Community				
France.....	21,851	28,209	38,809	41,200 <sup>2 4</sup>
Italy.....	17,686	25,398	33,252	35,800 <sup>2 4</sup>
Netherlands.....	5,262	7,358	10,560	11,300 <sup>2 4</sup>
United Kingdom.....	36,702	49,399	66,975	75,800 <sup>2</sup>
West Germany.....	27,097	40,603	50,833	53,700 <sup>2 4</sup>
Other Countries				
India <sup>3</sup> .....	5,650	10,173	16,429	18,600 <sup>2</sup>
Communist Countries				
USSR and Eastern Europe				
USSR.....	66,721	115,033	166,150	186,000 <sup>2</sup>
Eastern Europe				
Bulgaria.....	925	2,155	4,117	4,530
Czechoslovakia.....	5,662	8,206	10,808	11,726
East Germany.....	7,904	10,350	12,669	14,397 <sup>2</sup>
Hungary.....	1,479	1,998	2,733	3,135
Poland.....	6,316	9,672	13,891	16,014
Romania.....	1,779	3,258	7,346	9,100
Far East				
China.....	10,900	13,700	18,500	21,500
North Korea.....	1,500	2,120	2,800	3,100
North Vietnam <sup>5</sup> .....	110*	175*	187*	260*
Other				
Cuba.....	935	965	1,325	1,450
Yugoslavia.....	2,402	3,728	6,873	8,300

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

<sup>2</sup> Nuclear generating capacity installed as of 1972 was as follows (in 1,000 kilowatts): United States, 14,683; Canada, 2,090; France, 2,800; Italy, 621; Netherlands, 57; United Kingdom, 6,172; West Germany, 1,600; India, 620; Japan, 1,823; Spain, 1,120; Sweden, 472; USSR, 2,810; and East Germany, 70.

<sup>3</sup> Data are for the year beginning 1 April of the stated year.

<sup>4</sup> Total installed capacity data are for 1971.

<sup>5</sup> Percentage out of operation as a result of bomb damage is as follows: 1965, 27%; 1970, 30%; and 1972, 75%.

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Table 83  
Production of Metallurgical Coke <sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD <sup>2</sup>				
United States.....	51,917	60,649	60,350	54,891
Canada <sup>3</sup> .....	3,514	3,963	5,143	4,724
European Community.....	93,200	91,400	86,800	75,400
Belgium.....	7,540	7,334	7,116	7,239
France <sup>3</sup> .....	13,635	13,409	14,148	11,420
Italy.....	3,715	5,737	7,044	6,320
Netherlands <sup>3</sup> .....	4,517	4,285	1,992	1,940
United Kingdom.....	19,136	17,381	16,590	13,477
West Germany <sup>4</sup> .....	44,681	43,294	39,936	34,442
Communist Countries				
USSR and Eastern Europe.....	73,100	86,900	96,600	103,000
USSR.....	56,233	67,500	75,400	79,900
Eastern Europe.....	16,900	19,400	21,200	22,900
Bulgaria.....	20 <sup>5</sup>	733	837	1,190
Czechoslovakia.....	6,842	7,875	8,273	8,700
East Germany.....	1,008	1,051	1,308	1,800
Hungary <sup>6</sup> .....	499	642	657	575
Poland.....	7,684	7,994	9,100	9,550
Romania.....	820	1,135	1,070	1,100
Far East				
China.....	10,600*	9,400*	14,600*	20,000*
North Vietnam.....	N.A.	100*	60*	100
Other				
Yugoslavia.....	1,083	1,267	1,309	1,299

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.

<sup>2</sup> Net production, excluding coke consumed by coking plants.

<sup>3</sup> Including breeze coke.

<sup>4</sup> Including electrode coke but excluding low-temperature coke.

<sup>5</sup> Data include foundry coke, not suitable for blast furnaces.

<sup>6</sup> A large part of this coke is produced in gas plants and is used with high-quality coke in charging blast furnaces.

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# MINERALS AND METALS

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Table 84

Production of Crude Steel <sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
OECD.....	229	303	390	398
United States <sup>2</sup> .....	90.07	118.98	119.14	120.75
Australia.....	3.75	5.46	6.82	6.53
Canada.....	5.27	9.13	11.20	11.81
Japan.....	22.14	41.16	93.32	96.90
Spain.....	1.92	3.52	7.43	9.53
Sweden.....	3.22	4.73	5.50	5.23
European Community.....	97.9	114	138	138
Belgium.....	7.18	9.16	12.61	14.39
France.....	17.28	19.60	23.77	23.99
Italy.....	8.23	12.68	17.28	19.69
United Kingdom.....	24.70	27.44	28.32	25.32
West Germany.....	34.10	36.82 <sup>3</sup>	45.04 <sup>3</sup>	43.70 <sup>3</sup>
Other Countries				
India.....	3.29	6.41 <sup>4</sup>	6.23 <sup>4</sup>	6.55 <sup>4</sup>
Communist Countries				
USSR and Eastern Europe.....	86.5	120	156	171
USSR.....	65.29	91.02	115.89	126.00
Eastern Europe.....	21.2	28.7	40.1	44.7
Bulgaria <sup>5</sup> .....	0.30	0.65	1.86	2.18
Czechoslovakia.....	6.77	8.60	11.48	12.73
East Germany.....	3.75	4.37	5.37	5.67
Hungary.....	1.89	2.52	3.11	3.27
Poland.....	6.68	9.09	11.80	13.48
Romania.....	1.81	3.43	6.52	7.40
Far East				
China.....	13.0	11.0	18.0	23.0
North Korea.....	0.64	1.23	2.20	2.90
Other				
Cuba.....	N.A.	0.04	0.14	0.15
Yugoslavia.....	1.44	1.77	2.23	2.59

<sup>1</sup> Data are for ingots and steel for castings.<sup>2</sup> Excluding steel for castings made in foundaries operated by companies not producing ingots.<sup>3</sup> Including data for West Berlin.<sup>4</sup> Ingots only.<sup>5</sup> Including an estimate for steel for castings for all years.

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Table 85

Production of Rolled Steel<sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD.....	177	235	298	305
United States.....	69.35	90.09	82.37	83.28
Canada.....	4.13	6.72	8.24 <sup>2</sup>	8.96 <sup>2</sup>
Japan.....	17.20	33.42	76.03	82.10
European Community.....	76.7	89.6	111	109
Belgium <sup>3</sup> .....	5.88	7.72	10.26	11.44
France.....	13.70	15.72	18.73	18.80
Italy.....	7.78	10.62	14.76	16.28
United Kingdom.....	18.41	20.76	22.18	18.77
West Germany.....	25.84	28.48	35.97	34.40
Communist Countries				
USSR and Eastern Europe.....	65.1	90.6	120	130
USSR.....	50.96	70.91	92.50	99.50
Eastern Europe.....	14.1	19.7	27.6	31.0
Bulgaria.....	0.19	0.43	1.42	2.02
Czechoslovakia.....	4.48	6.09	7.93	8.71
East Germany.....	2.61	2.99	3.41	3.60
Hungary.....	1.19	1.70	2.04	2.22
Poland.....	4.42	6.13	8.14	9.22
Romania.....	1.25	2.35	4.76	5.20
Other				
Yugoslavia.....	0.97	1.19	1.77	1.93

<sup>1</sup> Unless otherwise indicated, data are for hot-rolled steel.<sup>2</sup> Shipments.<sup>3</sup> Including steel forgings and rolled wrought-iron products.

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Table 86

Production of Pig Iron and Blast-Furnace Ferroalloys <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD				
United States.....	61,072	80,584	83,324	81,093
Australia <sup>2</sup> .....	2,939	4,313	6,144	6,155
Canada.....	4,025	6,587	8,424	8,706
Japan <sup>2</sup> .....	11,896	27,502	68,048	74,055
Spain <sup>2</sup> .....	1,888	2,328	4,164	5,935
European Community.....	70,300	81,000	98,200	96,300
Belgium.....	6,553	8,366	10,344	11,770
France.....	14,144	15,769	19,221	18,640
Italy.....	2,715	5,501	8,354	9,425
United Kingdom.....	16,016	17,740	17,672	15,332
West Germany.....	25,729	26,989 <sup>3</sup>	33,627 <sup>4</sup>	31,966 <sup>4</sup>
Other Countries <sup>2</sup>				
Brazil.....	1,783	2,341	4,200	5,304
India.....	4,275	7,124	7,224	N.A.
South Africa.....	2,000	3,603	4,296	4,896
Communist Countries				
USSR and Eastern Europe.....	60,200	84,100	110,000	119,000
USSR.....	46,757	66,184	85,933	92,300
Eastern Europe.....	13,400	17,900	23,800	26,300
Bulgaria.....	192	695	1,251	1,562
Czechoslovakia.....	4,696	5,868	7,548	8,300
East Germany.....	1,995	2,338	1,994	2,150
Hungary.....	1,244	1,577	1,822	2,044
Poland.....	4,253	5,375	6,984	7,480
Romania.....	1,014	2,019	4,210	4,740
Far East				
China.....	14,100*	12,500*	19,500*	27,000*
North Korea <sup>5</sup> .....	870	1,320*	2,000*	2,600*
North Vietnam.....	10	200	50	40
Other				
Yugoslavia.....	972	1,115	1,275	1,820

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.<sup>2</sup> Data may include some electric-furnace ferroalloys.<sup>3</sup> Including small quantities of foreign-produced pig iron returned to furnaces.<sup>4</sup> Including data for West Berlin.<sup>5</sup> Including sponge iron.

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Table 87

Production of Iron Ore <sup>1</sup>

Million Metric Tons

	1960	1965	1970	1972
OECD <sup>2</sup>				
United States <sup>3</sup> .....	89.04	89.18	91.28	77.13
Australia.....	4.50	6.80	45.22 <sup>4</sup>	60.77 <sup>4</sup>
Canada <sup>5</sup> .....	19.55	36.25	47.46	39.29
Sweden.....	21.69	29.35	31.51	33.10
European Community.....	107	90.4	80.9	72.3
France.....	66.91	59.52	56.80	54.25
Luxembourg.....	6.98	6.32	5.72	4.12
United Kingdom.....	17.36	15.66	12.02	8.36
West Germany.....	14.18	7.95 <sup>6</sup>	5.53 <sup>6</sup>	4.82 <sup>6</sup>
Other Countries <sup>7</sup>				
Brazil.....	9.35	20.75	30.00	N.A.
India.....	16.61	23.74	31.33	34.38
Liberia.....	3.20	16.15	23.68	N.A.
Venezuela.....	19.49	17.65	22.00	16.93
Communist Countries <sup>8</sup>				
USSR and Eastern Europe.....	115	165	206	219
USSR.....	105.86	153.43	195.49	208.00
Eastern Europe.....	9.34	12.0	10.8	11.1
Bulgaria.....	0.42	1.80	2.41	3.20
Czechoslovakia.....	3.12	2.44	1.61	1.60
East Germany.....	1.64	1.63	0.42	0.27
Hungary.....	0.52	0.76	0.63	0.70
Poland.....	2.18	2.86	2.55	1.80
Romania.....	1.46	2.48	3.21	3.50
Far East				
China.....	28.20*	25.00*	39.00*	54.60*
North Korea.....	3.11	4.96 <sup>9</sup>	6.0*-7.0*	7.9*-9.0*
North Vietnam.....	0.02	0.40	0.10	0.08
Other				
Albania <sup>10</sup> .....	0.26	0.39	0.40	0.50
Yugoslavia.....	2.20	2.50	3.69	3.96

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including mangiferous ores but excluding pyrites.<sup>2</sup> The metal content of the ore in the OECD countries is as follows: United Kingdom and West Germany, 28%; Luxembourg, 30%; France, 32%; United States and Canada, 55%-60%; and Australia and Sweden, 60%-65%.<sup>3</sup> Excluding mangiferous iron ore containing 5% or more of manganese.<sup>4</sup> Twelve months ending 30 June of the stated year.<sup>5</sup> Shipments.<sup>6</sup> Including data for West Berlin.<sup>7</sup> The metal content of the ore in the Other Countries ranges from 60% to 70%.<sup>8</sup> The metal content of the ore in selected Communist countries is as follows: the USSR, in terms of dressed ore, 55% of the ore; China, 20%-50%; North Korea, 40%-50%; Albania, 50%-55% (1% nickel); Bulgaria, 38%-50%; Czechoslovakia, 34%; East Germany, 25%-30%; Hungary, 24%-28%; Poland, 30%; Romania, 32%-40%; Yugoslavia, 40%; and North Vietnam, 55%.<sup>9</sup> Based on an announced increase for 1965 of 24% applied to 1964 plan data.<sup>10</sup> Iron-nickel ore that is mined for its nickel content.

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Table 88

Production of Manganese Ore <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	73	27	4	....
Australia.....	62	102	751	1,076 <sup>3</sup>
Japan.....	324	303	270	285 <sup>3</sup>
Other Countries				
Brazil.....	999	1,396	1,879	2,608
Gabon.....	N.A.	1,280	1,453	1,950
Ghana <sup>4</sup> .....	545 <sup>5</sup>	604	405	599 <sup>3</sup>
India.....	1,199	1,647	1,651	1,724
South Africa.....	1,194	1,567	2,679	3,236
Zaire.....	382	378	347	342
Communist Countries				
USSR and Eastern Europe.....	6,350	8,040	7,236	7,740
USSR.....	5,872	7,576	6,841	7,500
Eastern Europe.....	477	461	388	245
Bulgaria.....	25	42	33	30
Czechoslovakia.....	154	80	86	50
Hungary.....	123	213	167	140
Romania.....	175	126	102	25
Far East				
China.....	708*	312*	485*	675*
Other				
Cuba.....	133	86	N.A.	N.A.
Yugoslavia.....	13	8	15	15

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> The metal content of the ore of various countries is as follows: the United States, more than 35%; other non-Communist countries and Cuba, 30% to 53%; the USSR, about 45%; China and Yugoslavia, about 35%; Romania, 30%; Czechoslovakia, less than 20%; Bulgaria, about 27%; and Hungary, 26%.

<sup>2</sup> Shipments.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Dry weight.

<sup>5</sup> Exports.

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Table 89

Production of Refined Nickel <sup>1</sup>

	Metric Tons			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	12,975	12,256	14,114	14,061
Canada <sup>3</sup> .....	114,735	147,000	184,500	137,400
Greece.....	N.A.	N.A.	8,642	11,400
Japan.....	17,288	27,900	80,232	96,400
Norway.....	30,428	31,835	38,478	43,000
European Community				
France <sup>4</sup> .....	10,016	8,150	10,952	12,500
United Kingdom.....	34,300	40,487	36,700	19,000
Other Countries				
New Caledonia.....	11,408	15,552	33,765	47,200
Communist Countries				
USSR and Eastern Europe.....	72,200*	101,000*	139,000*	158,000*
USSR.....	72,000*	100,000*	137,000*	156,000*
Eastern Europe.....	250*	1,250*	1,950*	2,050*
Czechoslovakia.....	....	1,000*	1,700*	1,800*
East Germany.....	250*	250*	250*	250*
Other				
Cuba <sup>5</sup> .....	12,800	28,230	36,000	36,000

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for refined metal.<sup>2</sup> Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.<sup>3</sup> Including nickel and content of oxides and salts produced, plus exports of recoverable nickel in matte and concentrates.<sup>4</sup> Excluding data for New Caledonia.<sup>5</sup> Nickel content of oxides and sulfides.

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Table 90

Production of Chromite<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	37.4 <sup>3</sup>	Negl.		
Greece.....	20.6	21.5	10.2	8.3 <sup>4</sup>
Turkey.....	226.7	212.2	291.9	335.1
Other Countries				
India.....	50.2	30.1	135.8	137.8
Philippines.....	249.0	192.0	199.0	127.6
Rhodesia.....	291.1	281.1	275.0	325.0
South Africa.....	339.7	121.1	612.5	694.4
Communist Countries <sup>5</sup>				
USSR.....	520	1,160	1,380	1,420
North Vietnam.....	19.1	12.0*	2.0*	Negl.
Albania.....	130.0	110.0	211.0	234.0
Cuba.....	10.0 <sup>6</sup>	11.1	N.A.	N.A.
Yugoslavia.....	25.1	20.8	40.6	28.1

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimated chromic oxide (Cr<sub>2</sub>O<sub>3</sub>) content of ores mined. In many instances, data are only approximate.<sup>2</sup> Shipments.<sup>3</sup> Production for the Federal Government only.<sup>4</sup> Data are for 1971.<sup>5</sup> The following percentages were used to reduce the estimates of ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 50% and the remainder at 40%; North Vietnam at 50%; Albania at 45%; Cuba at 35%; and Yugoslavia at about 26%.<sup>6</sup> US imports.

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Table 91

Production of Molybdenum <sup>1</sup>

	Metric Tons			
	1960	1965	1970	1972
OECD.....	31,900	39,900	66,400	60,500
United States.....	20,952	35,095	50,508	48,308
Canada <sup>2</sup> .....	348	4,335	15,310	11,567
Japan.....	384	277	205	236 <sup>3</sup>
Norway.....	246	230	333	360 <sup>3</sup>
Other Countries				
Chile.....	1,852	3,603	5,700	6,577
Peru.....	Negl.	680	607	680
Communist Countries				
USSR.....	4,800*	7,300*	9,500*	9,800*
Far East				
China.....	3,800*	1,000*	1,000*	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Molybdenum content of ores and concentrates.<sup>2</sup> Shipments.<sup>3</sup> Data are for 1971.

Table 92

Production of Cobalt <sup>1</sup>

	Metric Tons			
	1960	1965	1970	1972
OECD				
Canada <sup>2</sup> .....	1,818	1,655	2,069	2,359
Finland.....	N.A.	1,493 <sup>3</sup>	1,270	1,270
Other Countries				
Morocco.....	1,271	1,832	604	1,089
Zaire.....	8,222	8,388	13,958	13,608
Zambia.....	1,847 <sup>4</sup>	1,544 <sup>4</sup>	2,400	2,177
Communist Countries				
USSR.....	1,640*	3,400*	4,700*	5,000*
Other				
Cuba.....	....	850	1,575	1,650

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Cobalt content of ores mined, unless otherwise indicated.<sup>2</sup> Including metal, salts, and oxides recovered from smelter products and residues exported.<sup>3</sup> Cobalt content of sulfides.<sup>4</sup> Cobalt content of alloys.

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Table 93  
Production of Tungsten Ore <sup>1</sup>

	Metric Tons			
	1960	1965	1970	1972
OECD.....	14,300	14,600	20,200	21,000
United States <sup>2</sup> .....	6,645	7,213	9,176	7,531
Australia.....	1,882	1,902	2,659	3,575
Canada.....	N.A.	2,826	2,915	3,861
Portugal.....	2,917	1,644	2,995	3,337
Other Countries				
Bolivia.....	2,150 <sup>3</sup>	1,823 <sup>3</sup>	3,878	3,909
Brazil.....	1,694	383	2,430	2,938 <sup>4</sup>
Peru.....	488	797	1,690	1,619 <sup>4</sup>
South Korea.....	5,734	4,479	4,351	4,385
Thailand.....	442	555	1,494	5,271 <sup>4</sup>
Communist Countries				
USSR.....	11,400*	14,000*	14,500*	15,500*
Far East				
China.....	28,700	14,600	11,500	13,000
North Korea.....	3,000*	4,300*	5,000*	5,000*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for the estimated tonnage of tungsten concentrates, 60% tungsten trioxide (WO<sub>3</sub>) basis.

<sup>2</sup> Shipments.

<sup>3</sup> Exports.

<sup>4</sup> Data are for 1971.

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Table 94

## Production of Gold

Million Troy Ounces

	1960	1965	1970	1972
Non-Communist Countries				
United States.....	1.68	1.67	1.81	1.45
Australia.....	1.09	0.88	0.63	0.70
Canada.....	4.63	3.59	2.41	2.03
Colombia.....	0.43	0.32	0.20	0.19
Ghana.....	0.88	0.76	0.70	0.72
India.....	0.16	0.13	0.10	0.11
Japan.....	0.34	0.52	0.71	0.85
Mexico.....	0.30	6.22	0.20	0.15
Nicaragua.....	0.20	0.16	0.11	0.08
Peru.....	0.14	0.11	0.09	N.A.
Philippines.....	0.41	0.44	0.60	0.61
Rhodesia.....	0.56	0.54	0.50	0.50
South Africa.....	21.38	30.54	32.23	29.20
Zaire.....	0.32	0.07	0.18	0.08
Communist Countries				
USSR.....	3.50*	5.00*	6.60*	8.20*
China.....	1.01*	1.12*	0.48*	0.98*
Czechoslovakia.....	0.07*	0.07*	Negl.*	Negl.*
Romania.....	0.37*	0.49*	0.74*	0.75*

\*An asterisk indicates that the data are CONFIDENTIAL.

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Table 95

Production of Refined Copper <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	3,310	3,900	4,610	4,640
United States <sup>2</sup> .....	1,642.6	1,956.7	2,034.5	2,010.0
Australia.....	84.2	95.2	145.5	168.9
Canada.....	378.2	393.8	493.3	490.0
Japan.....	248.1	365.7	705.3	810.9
European Community.....	796	994	997	921
Belgium.....	211.8	280.0	337.6	300.0
United Kingdom.....	218.9	227.0	206.2	180.7
West Germany.....	309.1	342.4 <sup>3</sup>	405.8 <sup>3</sup>	398.5 <sup>3</sup>
Other Countries.....				
Chile.....	225.6	288.8	465.1	420.3
Zaire.....	144.7	152.6	189.6	219.2
Zambia.....	402.6	522.3	580.7	610.0
Communist Countries.....				
USSR and Eastern Europe.....	591	913	1,310*	1,520*
USSR.....	490.0	772.0	1,100.0	1,250.0
Eastern Europe.....	101	141	209*	274*
Bulgaria.....	14.0	23.9	38.3	42.0
Czechoslovakia.....	10.1	12.3	16.7	18.0
East Germany.....	40.0	40.0	45.0*	47.0*
Hungary.....	8.2	12.0	12.0	6.0
Poland.....	21.7	37.4	72.2	131.0
Romania.....	7.0	15.0	25.0	30.0
Far East.....				
China.....	90.0*	201*	290*	290*
North Korea.....	8.5	18.0	40.0*	40.0*
Other.....				
Albania <sup>4</sup> .....	0.9	4.2	5.7	6.2
Yugoslavia.....	35.1	56.4	89.3	130.0

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

<sup>2</sup> Including production from secondary plants and copper refined by manufacturers for their own use.

<sup>3</sup> Including data for West Berlin.

<sup>4</sup> Blister copper.

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Table 96

Production of Primary Aluminum

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	3,510	4,870	7,440	8,330
United States.....	1,828	2,499	3,612	3,744
Australia.....	12	88	206	206
Canada.....	691	753	962	908
Japan.....	133	294	733	1,013
Norway <sup>1</sup> .....	171	276	522	542
Spain.....	29	52	120	148
European Community.....	520	735	952	1,290
France.....	238	340	382	392
Italy.....	84	124	146	119
United Kingdom <sup>1</sup> .....	29	36	40	172
West Germany.....	169	234 <sup>2</sup>	310 <sup>2</sup>	445 <sup>2</sup>
Other Countries				
India.....	18	62	161	179
Communist Countries				
USSR and Eastern Europe.....	767	1,180	2,080*	2,260*
USSR.....	630	1,000	1,720*	1,870*
Eastern Europe.....	137	178	360*	387*
Czechoslovakia.....	26	28	31	38
East Germany.....	35	45	56*	57*
Hungary.....	50	58	66	68
Poland.....	26	47	100	102
Romania <sup>3</sup> .....	....	....	107	122
Far East				
China.....	80*	115*	230*	280*
Other				
Yugoslavia.....	25	39	48	73

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including the pure content of virgin alloys.

<sup>2</sup> Including data for West Berlin.

<sup>3</sup> Including aluminum alloys.

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Table 97

## Production of Bauxite

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	5,400	7,050	17,100	21,700
United States.....	2,030	1,681	2,115	1,930
Australia.....	70	1,187	9,387	13,310
European Community.....	2,380	2,910	3,280	3,350
France.....	2,068	2,662	3,051	3,251
Other Countries				
Guinea.....	1,378	1,870	2,642	2,642
Guyana.....	2,511	2,910	4,144	3,556
Jamaica.....	5,837	8,651	12,010	12,193
Surinam.....	3,455	4,300	5,341	6,249
Communist Countries				
USSR and Eastern Europe.....	4,390*	6,350*	7,370*	7,760*
USSR <sup>1</sup> .....	3,110*	4,860*	5,000*	5,000*
Eastern Europe.....	1,280	1,490	2,370	2,760
Hungary.....	1,190	1,477	2,022	2,358
Romania.....	83	12	350	400
Far East				
China <sup>2</sup> .....	640*	920*	1,830*	2,240*
Other				
Yugoslavia.....	1,025	1,574	2,098	2,197

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including nonbauxite ore such as nepheline and alunite for the production of alumina.<sup>2</sup> Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

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Table 98

Smelter Production of Lead<sup>1</sup>

		Thousand Metric Tons			
		1960	1965	1970	1972
OECD					
	United States <sup>2</sup> .....	346.9	379.4	604.8	640.2
	Australia.....	192.9	196.8	180.0	179.7
	Canada.....	144.0	169.2	185.6	186.8
	Japan.....	69.4	102.9	195.5	206.6
	European Community.....	364	376	437	420
	Belgium <sup>3</sup> .....	92.7	110.8	89.4	90.2
	France.....	74.4	98.4	119.9	136.2
	Italy.....	41.6	39.4	54.3	50.2
	United Kingdom.....	15.6	23.0	43.8	41.3
	West Germany.....	139.2	104.0 <sup>4</sup>	112.4 <sup>4</sup>	101.6 <sup>4</sup>
Other Countries					
	Mexico.....	186.2	164.3	150.3	136.1 <sup>5</sup>
Communist Countries					
	USSR and Eastern Europe.....	436	608	807	876
	USSR.....	324.0	433.0	597.0	650.0
	Eastern Europe.....	112	175	210	226
	Bulgaria.....	40.4	93.4	98.6	102.0
	Czechoslovakia.....	9.1	14.6	17.6	18.0
	East Germany.....	10.4	12.5	.....	.....
	Hungary.....	0.5	0.5	0.5	0.5
	Poland <sup>6</sup> .....	39.7	41.4	54.5	65.3
	Romania <sup>6</sup> .....	12.0	12.2	39.0	40.0
Far East					
	North Korea.....	34.0	54.0	61.0	N.A.
Other					
	Yugoslavia.....	89.1	101.6	97.4	87.5

<sup>1</sup> Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

<sup>2</sup> Excluding refined lead produced from imported base bullion.

<sup>3</sup> Including secondary metal.

<sup>4</sup> Including data for West Berlin.

<sup>5</sup> Data are for 1971.

<sup>6</sup> Probably including some secondary metal.

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Table 99

Production of Refined Zinc <sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	2,210	2,840	3,530	3,680
United States <sup>2</sup> .....	787.7	978.0	866.3	694.4
Australia.....	122.2	202.2	257.5	298.0
Canada.....	238.2	325.5	417.9	476.6
Japan.....	180.5	367.8	676.2	804.4
European Community.....	783	842	1,090	1,140
Belgium.....	247.6	238.1	231.9	256.1
France.....	146.4	192.0	223.7	261.5
Italy.....	85.2	80.9	142.1	154.2
United Kingdom.....	75.5	106.8	146.6	73.7
West Germany.....	191.9	182.2	301.2	343.3
Communist Countries				
USSR and Eastern Europe.....	573	790	1,060	1,200
USSR <sup>3</sup> .....	364.0	504.0	730.0	825.0
Eastern Europe.....	209	286	332	371
Bulgaria.....	16.9	65.8	76.1	84.0
East Germany.....	4.0	14.0	12.0	14.0
Poland.....	175.5	190.4	209.0	228.0
Romania.....	12.5	15.4	35.0	45.0
Far East				
North Korea.....	55.0	80.0	88.0	N.A.
Other				
Yugoslavia.....	35.9	46.1	65.0	48.6

<sup>1</sup> Data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.

<sup>2</sup> Including production from secondary smelters. Production of primary zinc in the United States was as follows (in metric tons): 1960, 725,300; 1965, 902,100; 1970, 796,500; and 1972, 636,800.

<sup>3</sup> Primary metal only, representing slightly less than 80% of total production.

Table 100

Production of Titanium Sponge Metal <sup>1</sup>

	Metric Tons			
	1960	1965	1970	1972
United States.....	4,818	8,100 <sup>2</sup>	13,600 <sup>2</sup>	9,000 <sup>2</sup>
Japan.....	2,300	4,000	9,200	4,600
USSR.....	3,000*	12,000*	24,000*	28,000*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.

<sup>2</sup> Based on reports from various trade publications.

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Table 101

Smelter Production of Primary Tin Metal<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	60.8	51.3	48.9	43.1
United States <sup>2</sup> .....	13.7	3.1	4.5	4.0
Australia.....	2.3	3.2	5.2	7.0
Spain.....	0.5	1.8	3.9	4.0
European Community.....	42.5	40.9	33.4	26.1
Belgium.....	8.4	1.3	4.3	3.9
United Kingdom.....	26.8	16.8	22.0	21.3
Other Countries				
Bolivia.....	1.0 <sup>3</sup>	3.5 <sup>3</sup>	0.3	6.7
Brazil.....	1.3	1.4	3.1	3.8
Indonesia.....	2.0	1.2	5.2	11.6
Malaysia.....	77.6	73.6	91.5	91.0
Nigeria.....	....	9.5	8.1	6.7
Thailand.....	0.2	5.6	22.0	22.6
Communist Countries				
USSR and Eastern Europe.....	11.4*	15.2*	22.5*	24.2*
USSR.....	10.6*	14.0*	21.3*	23.6*
Eastern Europe.....	0.8*	1.2	1.2	1.2
East Germany.....	0.8*	1.2	1.2	1.2
Far East				
China.....	28.0*	11.0*	10.0*	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Excluding tin derived from scrap or detinning.<sup>2</sup> Estimated data based on imports of tin concentrates.<sup>3</sup> Exports.

Table 102

## Production of Primary Magnesium

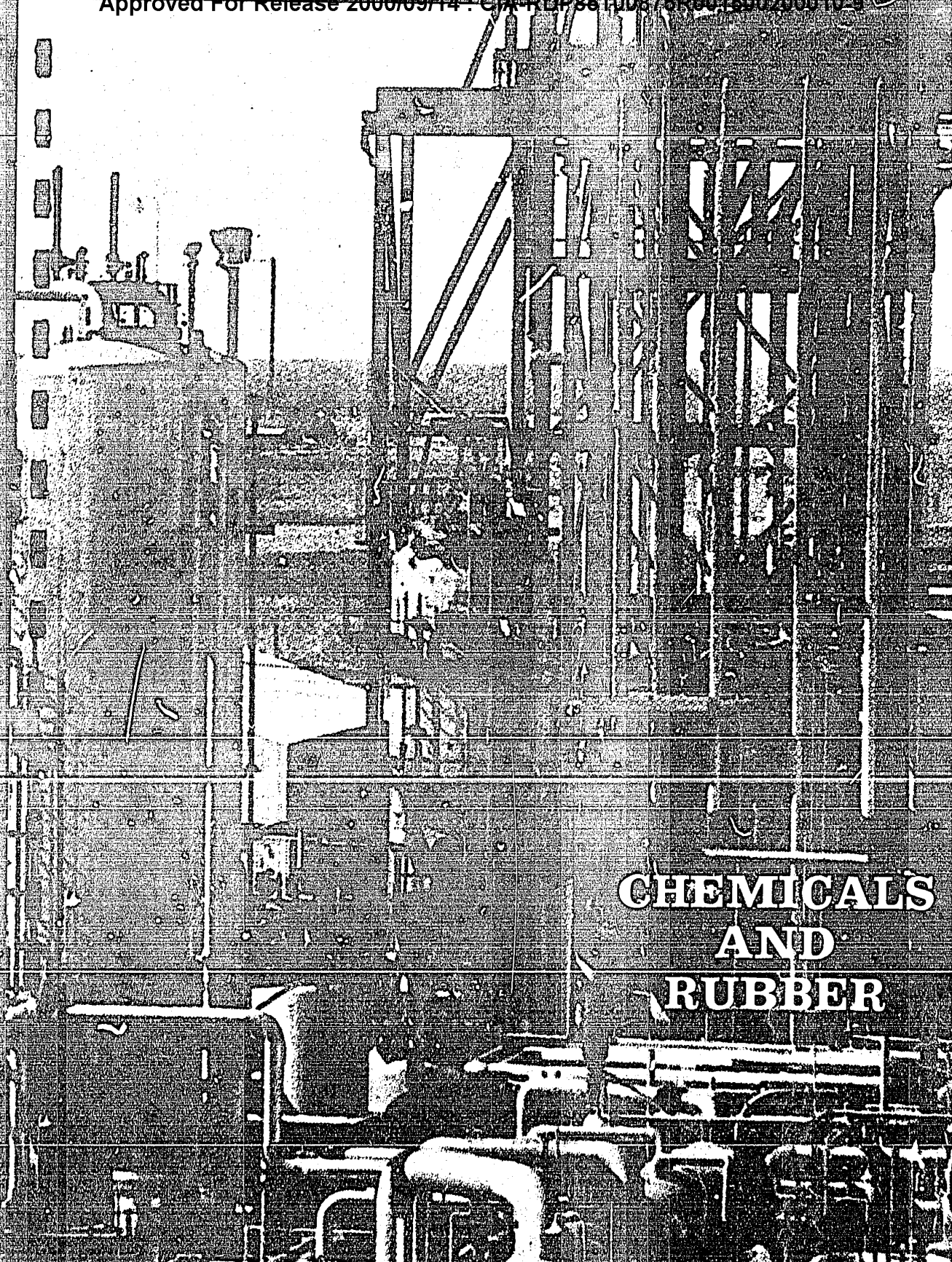
	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States.....	36.4	73.8	101.6	113.4
Canada.....	6.6	9.2	9.4	6.8
Japan.....	2.1	3.8	10.3	10.0
Norway.....	10.3	26.4	35.3	36.3
European Community				
France.....	2.1	2.8	4.6	6.8
Italy.....	5.4	6.3	7.6	8.2
Communist Countries				
USSR.....	25.0*	66.5*	94.0*	100.0*

\*An asterisk indicates that the data are CONFIDENTIAL.

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# CHEMICALS AND RUBBER

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Table 103

Production of Mineral Fertilizer, Nutrient Content<sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD <sup>2</sup> .....	22,100	33,600	43,000	44,900 <sup>3</sup>
United States.....	7,410	11,933	15,789	16,700
Canada.....	496	2,545	4,465	5,324 <sup>3</sup>
Japan.....	1,544	2,203	2,770	2,806 <sup>3</sup>
Spain.....	674	1,043	1,604	1,729 <sup>3</sup>
European Community.....	10,400	13,300	15,300	15,500 <sup>3</sup>
France.....	3,021	4,161	4,644	4,692 <sup>3</sup>
Italy.....	1,110	1,590	1,621	1,710 <sup>3</sup>
West Germany.....	3,897	4,610	4,743	4,640 <sup>3</sup>
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	6,510	12,000	20,800	24,200
USSR <sup>5</sup> .....	3,281	7,389	13,099	15,935
Eastern Europe.....	3,230	4,630	7,680	8,280
Bulgaria.....	126	354	749	653
Czechoslovakia.....	287	477	646	678
East Germany.....	2,166	2,506	3,244	3,285
Hungary.....	102	265	517	555
Poland.....	477	738	1,629	1,910
Romania.....	71	293	895	1,200
Far East				
China.....	495*	880*	1,975*	2,919*
North Korea.....	127*	158*	320*	400*
Other				
Yugoslavia.....	50	226	364	407

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>3</sup> Data are for 1971.<sup>4</sup> Data are for calendar years.<sup>5</sup> Including some products used for non-fertilizer purposes.

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Table 104

## Production of Nitrogen Fertilizer, Nutrient Content

Thousand Metric Tons of N

	1960	1965	1970	1972
OECD <sup>1</sup> .....	8,450	13,400	19,300	19,800 <sup>2</sup>
United States.....	2,739	5,081	8,161	8,420
Canada.....	280	377	726	760 <sup>2</sup>
Japan.....	1,030	1,615	2,105	2,121 <sup>2</sup>
Spain.....	110	323	502	673 <sup>2</sup>
European Community.....	3,650	4,980	6,240	6,310 <sup>2</sup>
Belgium.....	278	310	594	613 <sup>2</sup>
France.....	671	1,066	1,351	1,401 <sup>2</sup>
Italy.....	658	905	956	1,034 <sup>2</sup>
Netherlands.....	417	562	930	1,004 <sup>2</sup>
United Kingdom.....	449	666	748	773 <sup>2</sup>
West Germany.....	1,180	1,419	1,505	1,321 <sup>2</sup>
Communist Countries <sup>3</sup>				
USSR and Eastern Europe.....	1,910	4,250	8,770	10,300
USSR.....	1,003	2,712	5,423	6,572
Eastern Europe.....	906	1,540	3,350	3,720
Bulgaria.....	86	200	602	523
Czechoslovakia.....	140	220	324	344
East Germany.....	334	348	395	417
Hungary.....	57	148	350	374
Poland.....	270	394	1,030	1,147
Romania.....	19	166	647	917
Far East				
China.....	335*	600*	1,500*	2,320*
North Korea.....	105*	115*	270*	330*
Other				
Yugoslavia.....	9	90	228	274

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including some technical nitrogen and anhydrous ammonia exported for further processing.<sup>2</sup> Data are for 1971.<sup>3</sup> Data are for calendar years.

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Table 105

## Production of Phosphorus Fertilizer, Nutrient Content

Thousand Metric Tons of  $P_2O_5$ 

	1960	1965	1970	1972
OECD <sup>1</sup> .....	7,740	11,000	13,400	14,100 <sup>2</sup>
United States.....	2,626	4,260	5,369	5,832
Australia.....	560	940	695	762 <sup>2</sup>
Canada.....	210	419	560	660 <sup>2</sup>
Japan.....	515	588	665	685 <sup>2</sup>
Spain.....	299	317	487	554 <sup>2</sup>
European Community.....	3,100	3,940	4,800	4,800 <sup>2</sup>
Belgium.....	289	415	745	736 <sup>2</sup>
France <sup>3,4</sup> .....	770	1,218	1,451	1,500 <sup>2</sup>
Italy.....	399	512	510	504 <sup>2</sup>
West Germany.....	750	857	946	943 <sup>2</sup>
Communist Countries <sup>5</sup> .....				
USSR and Eastern Europe.....	1,850	3,470	5,500	6,010
USSR <sup>3</sup> .....	1,192	2,300	3,585	3,918
Eastern Europe.....	658	1,170	1,910	2,090
Bulgaria.....	41	94	148	130
Czechoslovakia <sup>3</sup> .....	147	258	322	334
East Germany <sup>3</sup> .....	166	232	430	410
Hungary.....	45	117	167	181
Poland.....	207	344	599	763
Romania.....	52	127	244	272
Far East.....				
China.....	150*	280*	465*	579*
North Korea.....	22*	43*	50*	70*
Other.....				
Yugoslavia.....	41	136	126	133

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>2</sup> Data are for 1971.<sup>3</sup> Including production of ground phosphate rock for direct application and phosphate animal feeds.<sup>4</sup> Beginning 1 May of the stated year.<sup>5</sup> Data are for calendar years.

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Table 106

## Production of Potassium Fertilizer, Nutrient Content

Thousand Metric Tons of K<sub>2</sub>O

	1960	1965	1970	1972
OECD <sup>1</sup> .....	5,920	9,130	10,300	11,000 <sup>2</sup>
United States.....	2,045	2,592	2,259	2,457
Canada.....	....	1,749	3,179	3,904 <sup>2</sup>
Spain.....	265	404	525	502 <sup>2</sup>
European Community.....	3,600	4,390	4,290	4,350 <sup>2</sup>
France <sup>3</sup> .....	1,581	1,877	1,842	1,797 <sup>2</sup>
West Germany <sup>4</sup> .....	1,967	2,335	2,293	2,376 <sup>2</sup>
Communist Countries <sup>5</sup>				
USSR and Eastern Europe.....	2,750	4,290	6,510	7,910
USSR.....	1,084	2,308	4,087	5,445
Eastern Europe.....	1,670	1,930	2,420	2,470
East Germany.....	1,066	1,926	2,419	2,458
Romania.....	....	....	4	11
Far East				
China.....	10*	Negl.*	10*	20*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including unidentified double counting of some products used for technical purposes (estimated at 4% to 5% of the total).<sup>2</sup> Data are for 1971.<sup>3</sup> Beginning 1 May of the stated year.<sup>4</sup> Excluding technical potash.<sup>5</sup> Data are for calendar years.

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Table 107

Production of Sulfuric Acid <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	38,700	51,300	62,000	64,100
United States <sup>2</sup> .....	16,223	22,544	26,785	28,164
Japan.....	4,452	5,655	6,925	6,692
European Community.....	12,700	15,800	18,400	18,600
France.....	2,046	2,916	3,682	4,032
Italy.....	2,299	2,979	3,330	3,072
United Kingdom.....	2,745	3,358	3,348	3,456
West Germany <sup>3</sup> .....	3,170	3,751	4,435	3,864
Communist Countries				
USSR and Eastern Europe.....	7,890	12,800	18,100	20,800
USSR.....	5,398	8,518	12,059	13,700
Eastern Europe.....	2,500	4,230	6,080	7,100
Bulgaria.....	123	318	503	514
Czechoslovakia.....	553	933	1,110	1,189
East Germany.....	730	985	1,099	1,045
Hungary <sup>4</sup> .....	178	393	471	591
Poland.....	685	1,062	1,901	2,565
Romania.....	226	541	994	1,200
Far East				
China.....	1,350	2,200*	N.A.	N.A.
Other				
Cuba.....	44	202	323	N.A.
Yugoslavia.....	121	405	696	791

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Pure (monohydrate) sulfuric acid (100% H<sub>2</sub>SO<sub>4</sub>).<sup>2</sup> Including appreciable amounts produced in government-owned privately operated plants.<sup>3</sup> Including data for West Berlin.<sup>4</sup> Including oleum.

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Table 108

Production of Synthetic Ammonia<sup>1</sup>

Thousand Metric Tons of N

	1960	1965	1970	1972
OECD.....	9,020	14,900	22,100	23,500
United States <sup>2</sup> .....	3,595	6,500	10,315	10,672
Canada.....	465 <sup>3</sup>	551	1,007	N.A.
Japan <sup>2</sup> .....	1,050	1,770	2,682	3,088
European Community.....	3,420	5,030	6,580	7,200
France.....	724	1,281	1,619	1,800
Italy.....	724	1,035	1,277	1,000
Netherlands.....	410	661	1,340	N.A.
West Germany.....	1,242	1,050	1,821	1,900
Communist Countries				
USSR and Eastern Europe.....	2,150	4,970	N.A.	N.A.
USSR.....	1,138	3,137	6,282	7,649
Eastern Europe.....	1,020	1,830	N.A.	N.A.
Bulgaria.....	171	338	788	710
Czechoslovakia.....	130	220	329	344
East Germany.....	393	439	481	456
Hungary.....	67	173	414	444
Poland.....	285	440	1,189	1,303
Romania.....	29	218	N.A.	N.A.
Far East				
North Korea.....	111*	120*	280*	360*
Other				
Yugoslavia.....	12	114	285	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, nitrogen content of synthetic ammonia.

<sup>2</sup> Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.

<sup>3</sup> Data are for 1961.

Table 109

Production of Plastics in the US and the USSR

Thousand Metric Tons

	1960	1965	1970	1972
United States <sup>1</sup> .....	2,851	5,300	8,714	10,977
USSR.....	312	803	1,673	2,035

<sup>1</sup> Dry basis, excluding water, solvents, and other liquid diluents.

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Table 110

Production of Caustic Soda<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	8,250	11,500	18,300	19,200
United States.....	4,510	6,164	9,200	9,310
Japan.....	860	1,344	2,085	2,088
European Community.....	1,970	2,640	4,400	4,840
France.....	597	663	1,094	1,240
Italy.....	420	725	1,012	1,060
West Germany.....	776	1,178	1,080	1,032
Communist Countries				
USSR and Eastern Europe.....	1,420	2,250	3,140	N.A.
USSR.....	704	1,190	1,783	1,800
Eastern Europe.....	717	1,050	1,360	N.A.
Bulgaria.....	17	32	46	65
Czechoslovakia.....	115	158	180	210
East Germany.....	327	364	413	420
Hungary <sup>2</sup> .....	17	50	60	82
Poland.....	167	215	313	335
Romania.....	74	233	330	N.A.
Other				
Cuba.....	2*	2	N.A.	N.A.
Yugoslavia.....	48	88	93	95

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Pure caustic soda (100% NaOH), including tonnage not commercialized but used on the spot for processing.<sup>2</sup> Including regenerated caustic soda.

Table 111

## Production of Synthetic Rubber

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	1,910	2,960	4,540	4,990
United States.....	1,459	1,842	2,232	2,455
Canada.....	162	206	205	195
Japan.....	23	161	698	807
European Community.....	269	727	1,330	1,420
France.....	17	148	316	366
Italy.....	67	120	155	200
Netherlands.....	12	102	206	186
United Kingdom.....	92	175	306	307
West Germany.....	81	164	302	300
Communist Countries				
USSR and Eastern Europe.....	455*	795*	1,210*	1,410*
USSR.....	347*	604*	914*	1,060*
Eastern Europe.....	108*	195	293	349
Bulgaria.....	....	....	4	15
Czechoslovakia.....	1*	30	48	51
East Germany <sup>1</sup> .....	87	95	118	132
Poland.....	20	39	62	78
Romania.....	....	31	61	73

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including Pervinam and Plastikator.

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Table 112

Production of Rubber Tires<sup>1</sup>

Thousand Units

	1960	1965	1970	1972
OECD				
United States.....	123,059	172,532	193,971	234,173
Canada <sup>2</sup> .....	8,458	13,424	20,448	21,000
Japan <sup>2</sup> .....	10,100	28,432	63,828	75,400
European Community				
France <sup>2</sup> .....	16,518	23,374	39,420	45,000
Italy <sup>2</sup> .....	N.A.	16,707 <sup>3</sup>	22,383	N.A.
West Germany <sup>2</sup> .....	14,745	25,566	37,548	41,292
Communist Countries				
USSR and Eastern Europe.....	23,400	35,800	48,800	N.A.
USSR.....	17,225	26,434	34,620	38,700
Eastern Europe.....	6,130	9,390	14,100	N.A.
Bulgaria.....	196	349	550	823
Czechoslovakia <sup>4</sup> .....	1,324	1,792	2,778	3,910
East Germany <sup>5</sup> .....	2,714	3,750	4,692	5,191
Hungary <sup>2</sup> .....	336	581	665	731
Poland <sup>6</sup> .....	1,225	1,697	2,995	3,100
Romania <sup>7</sup> .....	337	1,222	2,457	N.A.
Other				
Cuba.....	343	197	216	N.A.
Yugoslavia <sup>8</sup> .....	391	955	2,762	3,756

<sup>1</sup> Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.

<sup>2</sup> Excluding motorcycle tires.

<sup>3</sup> Data are for 1966.

<sup>4</sup> Excluding motorcycle and bus tires.

<sup>5</sup> Including solid rubber tires.

<sup>6</sup> Excluding motorcycle, tractor, and agricultural tires.

<sup>7</sup> Including aircraft tires.

<sup>8</sup> Automobile, motorcycle, and aircraft tires only.

Table 113

## Production of Natural Rubber

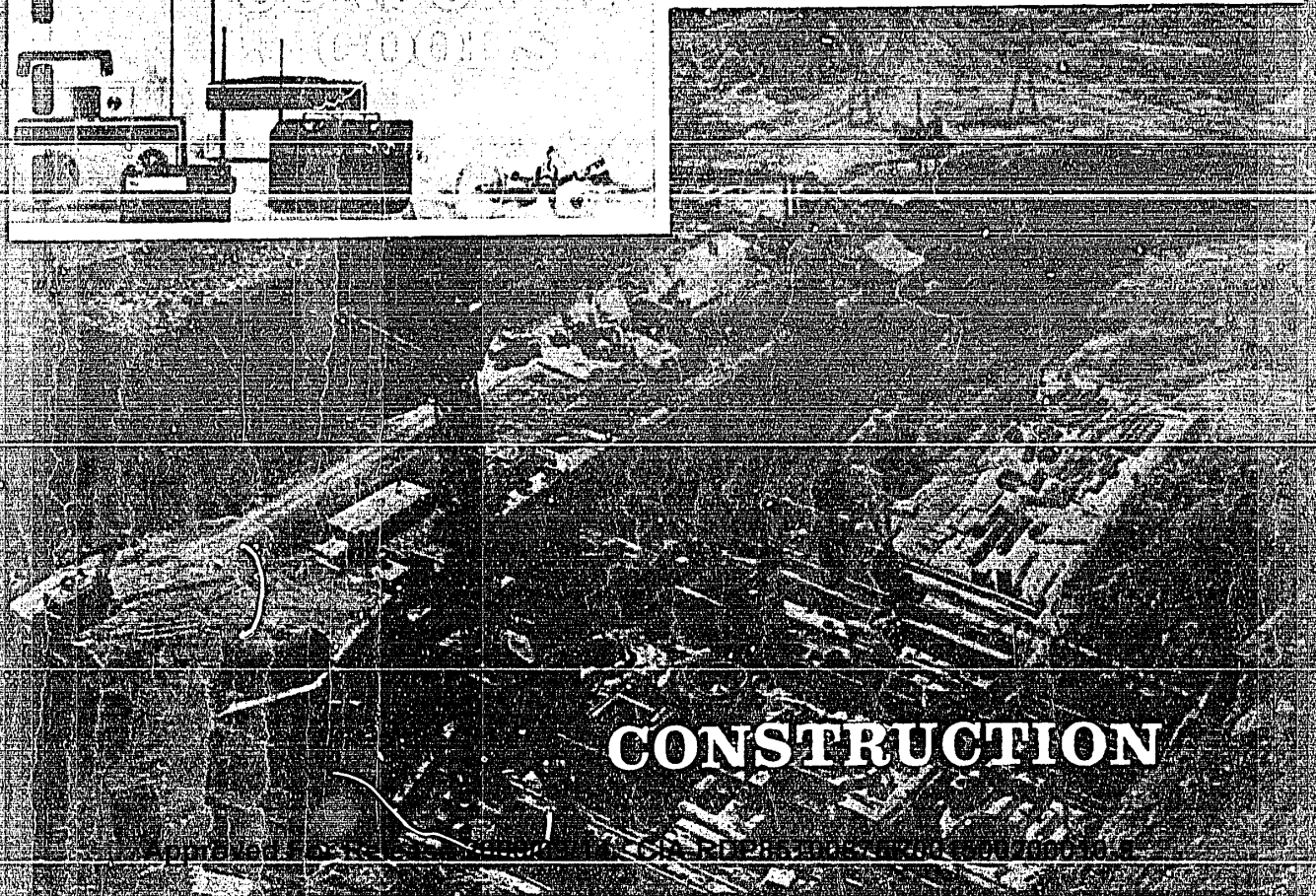
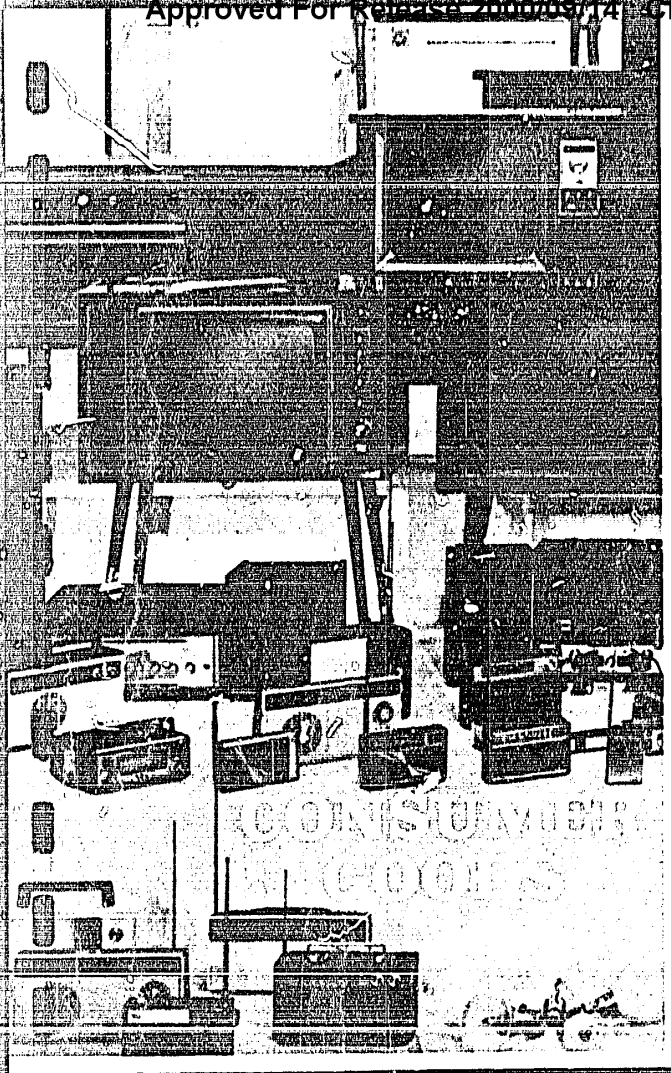
Thousand Metric Tons

	1960	1965	1970	1972
India.....	25.2	49.4	89.9	107.0
Indonesia <sup>1</sup> .....	620.3	716.5	809.2	845.0
Malaysia <sup>2</sup> .....	755.7	917.0	1,269.2	1,324.9
Sri Lanka.....	98.8	118.3	159.2	140.4
Thailand <sup>1</sup> .....	170.8	216.4	287.2	336.1

<sup>1</sup> Exports plus estimated consumption.

<sup>2</sup> Including data for Malaya and Singapore, Sarawak, and Sabah.





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Table 114

Production of Passenger Automobiles

Thousand Units

	1960	1965	1970	1972
OECD.....	12,400	18,500	21,400	25,800
United States <sup>1</sup> .....	6,674.8	9,305.6	6,546.8	8,823.9
Canada.....	325.8	710.7	940.4	1,154.5
Japan.....	165.1	696.2	3,178.7	4,022.3
European Community.....	4,920	7,130	9,660	10,500
France.....	1,135.6	1,374.0	2,457.6	2,992.8
Italy <sup>2</sup> .....	895.9	1,103.9	1,719.7	1,732.8
United Kingdom.....	1,332.7	1,722.0	1,640.4	1,891.3
West Germany.....	1,806.8	2,733.7	3,528.0	3,516.0
Communist Countries				
USSR and Eastern Europe.....	273	411	710	1,140
USSR.....	138.8	201.2	344.2	730.1
Eastern Europe.....	134	210	366	411
Bulgaria.....	....	....	7.8	8.0
Czechoslovakia.....	56.2	77.7	142.9	154.4
East Germany.....	64.1	102.9	126.6	140.0
Poland.....	12.9	25.5	65.2	80.9
Romania <sup>3</sup> .....	1.2	3.7	23.6	28.0
Other				
Yugoslavia <sup>4</sup> .....	10.5	35.9	110.7	110.2

<sup>1</sup> Factory sales.

<sup>2</sup> Excluding production for the armed forces.

<sup>3</sup> Including jeeps.

<sup>4</sup> Including vehicles assembled from imported parts.

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Table 115  
Production of Trucks and Buses <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD <sup>2</sup>				
United States <sup>3</sup> .....	1,194.5	1,751.8	1,692.4	2,446.8
Canada.....	72.0	144.8	253.2	319.8
Japan.....	595.2	1,222.4	2,124.5	2,274.5
European Community				
France.....	233.6	242.4	291.6	328.8
Italy <sup>4</sup> .....	48.9	71.6	134.5	106.5
United Kingdom.....	458.0	455.2	457.5	408.1
West Germany.....	237.9	242.8	314.4	291.8
Communist Countries				
USSR and Eastern Europe.....	456	510	735	828
USSR.....	384.8	415.1	571.9	648.7
Eastern Europe.....	71.0	94.5	163	179
Bulgaria.....	....	....	3.2	4.2
Czechoslovakia <sup>5</sup> .....	19.1	19.1	27.1	30.2
East Germany.....	13.3	15.7	26.8	29.3
Hungary <sup>5</sup> .....	4.4	6.3	9.8	9.8
Poland <sup>5</sup> .....	23.3	34.3	52.7	60.0
Romania.....	10.9	19.1	43.3	45.7
Far East				
China <sup>6</sup> .....	15	34	70	100
North Korea.....	3.1	4.5*	9.5*	11.5*
Other				
Yugoslavia.....	5.5	11.9	16.2	20.0

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

<sup>2</sup> Data include complete units exported for assembly.

<sup>3</sup> Factory sales.

<sup>4</sup> Excluding production for the armed forces.

<sup>5</sup> Excluding wheeled tractors.

<sup>6</sup> Excluding buses, jeeps, and three-wheel trucks.

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Table 116

## Production of Television Receivers

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States.....	5,828	11,028	9,483	13,507
Japan.....	3,578	4,190	13,782	14,300
European Community				
France.....	655	1,250	1,512	1,648
Italy.....	728	1,042	2,028	1,580
United Kingdom.....	2,141	1,591	2,214	3,000
West Germany.....	2,164	2,776	2,908	2,539 <sup>1</sup>
Communist Countries				
USSR and Eastern Europe.....	2,720	5,360	8,900	8,170
USSR.....	1,726	3,655	6,682	5,968
Eastern Europe.....	989	1,700	2,220	2,200
Bulgaria.....	Negl.	74	193	112
Czechoslovakia.....	263	274	383	275
East Germany.....	416	537	380	430
Hungary.....	139	267	364	350
Poland.....	171	452	616	730
Romania.....	Negl.	101	280	324
Far East				
China.....	2*	16*	60*	90*
Other				
Yugoslavia.....	14	254	320	350

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for 1971.

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Table 117

Production of Radio Receivers <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	17,969	25,731	17,781	21,311
Canada <sup>3</sup> .....	696	931	2,004	2,314
Japan.....	12,851	22,937	32,618	76,833
European Community				
Belgium.....	1,103	1,240	1,920	1,550 <sup>4</sup>
France.....	2,214	2,298	2,922	2,873
Italy.....	935	1,195	3,300	2,986 <sup>4</sup>
United Kingdom.....	2,504	1,912	1,312	1,587 <sup>4</sup>
West Germany.....	4,313	4,071	6,627	5,422
Communist Countries				
USSR and Eastern Europe.....	6,410	7,570	10,800	12,000
USSR.....	4,165	5,160	7,815	8,842
Eastern Europe.....	2,240	2,410	3,020	3,130
Bulgaria.....	157	130 <sup>4</sup>	145	141
Czechoslovakia.....	270	298	416	249
East Germany.....	810	808	807	1,041
Hungary.....	212	228	206	193
Poland.....	627	624	987	981
Romania.....	167	323	455	527
Far East				
China.....	1,500	1,500*	N.A.	2,000*
Other				
Yugoslavia.....	244	594	277	146

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Civilian radio receivers and radio-phonograph combinations.<sup>2</sup> Data for radio-phonograph combinations are factory sales.<sup>3</sup> Receiving sets for home use only.<sup>4</sup> Data are for 1971.

Table 118

Production of Footwear <sup>1</sup>

	Million Pairs			
	1960	1965	1970	1972
OECD				
United States.....	600.0	629.1	562.3	525.7
Italy.....	80.0 <sup>2</sup>	176.0 <sup>3</sup>	269.5	275.5
Communist Countries				
USSR.....	419.3	486.0	675.7	645.0

<sup>1</sup> Leather shoes and slippers.<sup>2</sup> Data are for 1961.<sup>3</sup> Data are for 1966.

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Table 119

Production of Woven Cotton Fabrics<sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
OECD					
United States.....	Million linear meters.....	8,564	8,469	5,848	5,249
Japan <sup>2</sup> .....	Million square meters.....	3,221	3,013	2,616	2,256
Spain.....	Thousand metric tons.....	93	109	90	88
Turkey <sup>3</sup> .....	Million linear meters.....	384	781	815	850
European Community					
France.....	Thousand metric tons.....	149	210	197	222
Italy.....	Thousand metric tons.....	139	103	128	125
United Kingdom <sup>3</sup> .....	Million linear meters.....	1,183	928	628	490
West Germany <sup>2</sup> .....	Thousand metric tons.....	289	206	182	188
Other Countries					
India <sup>4</sup> .....	Million linear meters.....	6,629	7,643	7,620	7,975
Pakistan <sup>3 5</sup> .....	Million linear meters.....	575	658	720	N.A.
Communist Countries					
USSR <sup>2 3</sup> .....	Million square meters.....	4,838	5,499	6,152	6,419
Eastern Europe					
Bulgaria <sup>2</sup> .....	Million linear meters.....	218	291	319	322
Czechoslovakia.....	Million linear meters.....	464	500	528	603
East Germany.....	Million square meters.....	254	244	248	N.A.
Hungary <sup>2</sup> .....	Million square meters.....	225	305	258	275
Poland <sup>2</sup> .....	Million linear meters.....	667	811	881	901
Romania <sup>2</sup> .....	Million square meters.....	248	319	437	N.A.
Far East					
China.....	Million linear meters.....	5,800	5,400	7,500	7,500
Other					
Yugoslavia.....	Million square meters.....	257	394	390	374

<sup>1</sup> Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Fabrics after undergoing finishing processes.

<sup>3</sup> Excluding mixed fabrics.

<sup>4</sup> Mill and decentralized sector production.

<sup>5</sup> Mill production only. Data include finished fabrics.

Table 120

Production of Woven Woolen Fabrics <sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
OECD					
United States.....	Million linear meters.....	262	244	163	94
Australia <sup>2</sup> .....	Million square meters.....	25	20	21 <sup>3</sup>	14 <sup>3</sup>
Canada <sup>4 5</sup> .....	Million linear meters.....	14	15	12	11
Japan <sup>6</sup> .....	Million square meters.....	316	341	426	544
Spain.....	Thousand metric tons.....	17	22	33	37
Turkey <sup>7</sup> .....	Million linear meters.....	10	24	23	26
European Community					
Belgium.....	Thousand metric tons.....	29	38	39	44
France.....	Thousand metric tons.....	72	60	64	68 <sup>4</sup>
Italy.....	Thousand metric tons.....	82	52	100	120
Netherlands.....	Million square meters.....	68	67	N.A.	N.A.
United Kingdom <sup>4</sup> .....	Million square meters.....	307	270	215	184
West Germany <sup>4</sup> .....	Thousand metric tons.....	68	55	48	55
Other Countries					
India <sup>8</sup> .....	Million linear meters.....	8	10	13	11 <sup>9</sup>
Communist Countries					
USSR <sup>4 7</sup> .....	Million square meters.....	439	466	643	681
Eastern Europe					
Bulgaria <sup>4</sup> .....	Million linear meters.....	19	20	27	29
Czechoslovakia.....	Million linear meters.....	46	44	49	55
East Germany.....	Million square meters.....	48	38	35	36 <sup>9</sup>
Hungary <sup>4</sup> .....	Million square meters.....	27	29	27	24
Poland <sup>4</sup> .....	Million linear meters.....	79	91	99	100
Romania <sup>4</sup> .....	Million square meters.....	32	41	63	70 <sup>9</sup>
Other					
Yugoslavia.....	Million square meters.....	46	54	42	59

<sup>1</sup> Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Excluding worsted fabrics.

<sup>4</sup> Fabrics after undergoing finishing processes.

<sup>5</sup> Factory shipments.

<sup>6</sup> Including finished fabrics.

<sup>7</sup> Excluding mixed fabrics.

<sup>8</sup> Wearable fabrics produced in the mill sector only.

<sup>9</sup> Data are for 1971.



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Table 121

Production of Woven Rayon and Acetate Fabrics <sup>1</sup>

	Unit of Measure	1960	1965	1970	1972
OECD					
United States.....	Million linear meters.....	1,312	1,650	1,231	1,134
Australia <sup>2,3</sup> .....	Million square meters.....	15	27	29	21
Japan <sup>3</sup> .....	Million square meters.....	1,828	1,653	1,548	1,272
European Community					
Belgium.....	Thousand metric tons.....	10	17	26	33
France <sup>4,5</sup> .....	Thousand metric tons.....	30	32	43	48
Italy.....	Thousand metric tons.....	24	19	12	N.A.
United Kingdom <sup>4</sup> .....	Million linear meters.....	564	572	485	451
West Germany.....	Thousand metric tons.....	N.A.	116	97	87
Other Countries					
India <sup>4</sup> .....	Million linear meters.....	550	870	934	973 <sup>6</sup>
Communist Countries					
USSR <sup>4,7</sup> .....	Million square meters.....	628	769	1,112	1,232
Eastern Europe					
Bulgaria <sup>4,5,7</sup> .....	Million linear meters.....	11	15	21	27
Czechoslovakia.....	Million linear meters.....	58	59	86	N.A.
East Germany.....	Million square meters.....	57	55	66	65 <sup>6</sup>
Hungary <sup>7</sup> .....	Million square meters.....	25	32	46	45
Poland <sup>7</sup> .....	Million linear meters.....	103	103	116	114 <sup>6</sup>
Romania <sup>7</sup> .....	Million square meters.....	22	26	36	41 <sup>6</sup>
Other					
Yugoslavia <sup>4</sup> .....	Million square meters.....	19	24	29	36

<sup>1</sup> Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

<sup>2</sup> Twelve months ending 30 June of the stated year.

<sup>3</sup> Including finished fabrics.

<sup>4</sup> Including fabrics of noncellulosic fibers.

<sup>5</sup> Including fabrics of natural silk.

<sup>6</sup> Data are for 1971.

<sup>7</sup> Fabrics after undergoing finishing processes.

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Table 122

Production of Synthetic Fibers <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD				
United States.....	307.2	806.0	1,626.7	2,429.3
Canada.....	17.0	37.5	73.0	N.A.
Japan.....	118.3	379.6	1,028.0	1,117.2
Spain.....	3.1	14.8	63.5	107.4
European Community.....	204	581	1,370	N.A.
France.....	45.3	87.1	175.2	234.3
Italy.....	33.7	110.7	251.4	319.4
Netherlands.....	9.1	44.2	90.0	N.A.
United Kingdom.....	61.0 <sup>2</sup>	148.0 <sup>2</sup>	336.9	361.4
West Germany.....	52.3	179.3 <sup>3</sup>	497.0 <sup>3</sup>	617.2 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	35.1	136	361	N.A.
USSR.....	15.0	77.5	166.5	N.A.
Eastern Europe.....	20.1	58.4	195	N.A.
Bulgaria.....	....	....	23.1	35.0
Czechoslovakia.....	3.0	9.6	31.5	47.0
East Germany.....	7.8	18.9	47.6	69.6
Hungary.....	0.4	2.3	5.6	6.6
Poland.....	8.0	24.3	57.5	74.0
Romania.....	0.9	3.3	29.5	N.A.
Other				
Yugoslavia.....	N.A.	N.A.	8.7	13.1

<sup>1</sup> Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

<sup>2</sup> "Delivery weight," approximately 3% less than "actual weight."

<sup>3</sup> Including data for West Berlin.

Table 123

Production of Electric Motors <sup>1</sup>

Thousand Kilowatts

	1960	1965	1970	1972
Communist Countries				
USSR <sup>2</sup> .....	17,597	26,890	33,319	36,500
Bulgaria.....	919	2,864	4,194	4,165
Czechoslovakia.....	2,952	4,176	3,913	4,398 <sup>3</sup>
Poland.....	2,362	4,486	7,429	8,468
Romania.....	559	1,255	2,894	3,397 <sup>3</sup>

<sup>1</sup> Unless otherwise indicated, data are for alternating and direct current motors.

<sup>2</sup> Alternating current motors of 0.25 kilowatt and over.

<sup>3</sup> Data are for 1971.

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Table 124

Production of Metalcutting Machine Tools <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
United States.....	42.01	68.01	49.31	41.59
Communist Countries				
USSR and Eastern Europe.....	246	286	321	346
USSR.....	155.92	186.13	202.26	210.00
Eastern Europe.....	89.8	99.8	119	136
Bulgaria.....	3.15	8.06	13.94	17.34
Czechoslovakia.....	30.23	24.33	35.19	42.30
East Germany.....	22.07	19.71	16.53	14.00
Hungary.....	7.40	9.40	9.50	9.52
Poland.....	22.50	31.10	29.73	36.60
Romania.....	4.44	7.16	11.14	15.80
Far East				
North Korea.....	2.9	4.0	10.4	N.A.
North Vietnam.....	0.65	0.50	N.A.	N.A.

<sup>1</sup> Power-driven metalcutting machines that are not portable by hand and are used to remove metal in the form of chips; these machines include lathes and planers, and milling, honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

Table 125

Production of Metalforming Machine Tools <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
United States <sup>2</sup> .....	31.3	44.0	58.3 <sup>3</sup>	53.2 <sup>3</sup>
USSR.....	29.9	34.6	41.3	43.9

<sup>1</sup> Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

<sup>2</sup> Unless otherwise indicated, data exclude manually operated bending and forming machines, spinning lathes, and riveting, canmaking, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

<sup>3</sup> Including manually operated bending and forming machines for which separate data are not available.

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Table 126  
Production of Electric Generators <sup>1</sup>

	Thousand Kilowatts			
	1960	1965	1970	1972
United States <sup>2</sup> .....	12,809	15,451	27,565	44,199
Communist Countries				
USSR.....	7,915	14,390	10,578	13,700
Bulgaria.....	20	13	37	104 <sup>3</sup>
Czechoslovakia <sup>4</sup> .....	1,391	888	1,488	1,646 <sup>3</sup>
Hungary <sup>4</sup> .....	347	416	590	263 <sup>3</sup>
Romania.....	83	295	747	523 <sup>3</sup>

<sup>1</sup> Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Generators for steam and gas turbines only.

Table 127  
Production of Turbines <sup>1</sup>

	Thousand Kilowatts			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	12,899	15,451	27,565	44,199
Japan.....	1,949	4,717	16,603	15,865
Communist Countries				
USSR <sup>3</sup> .....	9,200	14,625	16,191	14,600
Czechoslovakia.....	1,555	1,994	2,239	1,463 <sup>4</sup>
Poland <sup>5</sup> .....	186	471	1,135	1,192 <sup>4</sup>
Romania <sup>6</sup> .....	98	27	121	24 <sup>4</sup>

<sup>1</sup> Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

<sup>2</sup> Shipments of units of 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the United States are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

<sup>3</sup> Including a small number of gas turbines.

<sup>4</sup> Data are for 1971.

<sup>5</sup> Steam turbines only.

<sup>6</sup> Steam turbines of more than 500 kilowatts only.

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Table 128

Production of Digital Computers <sup>1</sup>

	Units			
	1960	1965	1970	1972
OECD				
United States.....	1,200	7,000	18,000	24,000
Japan.....	30	320	1,000	2,900
European Community				
France.....	N.A.	200	700	960
United Kingdom.....	70	200	500	540
West Germany.....	N.A.	N.A.	500	690
Communist Countries				
USSR.....	280*	470*	800*	1,300*
Eastern Europe				
Czechoslovakia.....	....	....	30*	50*
East Germany.....	15*	....	100*	100*
Poland.....	....	20*	60*	80*
Far East				
China.....	5*	35*	40*	60*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Estimates of this Office based on fragmentary market surveys and installations reports. No attempt has been made to standardize these units in terms of either value or computational capability. Total production of digital computers through 1972, including years not mentioned above, is as follows (in units): the United States, 154,000; France, 4,860; the United Kingdom, 4,540; West Germany, 3,690; Japan, 10,600; the USSR, 8,300; Czechoslovakia, 180; East Germany, 430; Poland, 550; and China, 405.

Table 129

Total Housing Construction <sup>1</sup>

	Thousand Square Meters			
	1960	1965	1970	1972
United States <sup>2</sup> .....	144,000	158,000	148,000	239,000
Communist Countries				
USSR.....	109,600	97,600	106,000	106,400
Eastern Europe				
Bulgaria.....	2,797	2,745	2,816	3,093 <sup>3</sup>
Czechoslovakia.....	4,994	5,087	7,526	7,468 <sup>3</sup>
East Germany <sup>4</sup> .....	4,089	3,465	3,619	3,640 <sup>3</sup>
Hungary.....	3,335	3,303	4,938	4,608 <sup>3</sup>
Poland.....	8,071	8,354	10,552	10,633 <sup>3</sup>
Romania <sup>4</sup> .....	4,167	3,793	5,089	4,833 <sup>3</sup>
Other				
Albania <sup>5</sup> .....	201	156 <sup>6</sup>	N.A.	N.A.
Yugoslavia.....	3,664	6,416	6,606	7,650

<sup>1</sup> Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

<sup>2</sup> Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Living space only.

<sup>5</sup> Socialist sector only.

<sup>6</sup> Estimated.

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Table 130

Production of Cement <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1972
OECD.....	185,000	249,000	317,000	354,000
United States.....	56,063	65,078	67,427	75,024
Canada.....	5,338	7,665	7,275	9,096
Japan.....	22,537	32,486	57,189	66,289
Spain.....	5,234 <sup>2</sup>	9,882	16,702	19,440
Turkey.....	2,038	3,238	6,374	8,424
European Community.....	77,400	107,000	132,000	141,000
Belgium <sup>2</sup> .....	4,388	5,995	6,729	7,092
France.....	14,349	22,423	29,009	30,288
Italy.....	16,014	20,695	33,076	33,456
United Kingdom.....	13,501	17,194	17,057	18,048
West Germany.....	24,905	34,133 <sup>3</sup>	38,324 <sup>3</sup>	43,152 <sup>3</sup>
Other Countries				
Brazil.....	4,474	5,873	9,012	11,232
India.....	7,845	10,578	13,556	15,600
Mexico.....	3,089	4,304	7,267	8,570
Communist Countries				
USSR and Eastern Europe.....	68,400	104,000	137,000	151,000
USSR.....	45,520	72,388	95,248	104,300
Eastern Europe.....	22,900	31,800	42,100	47,000
Bulgaria.....	1,586	2,681	3,668	3,910
Czechoslovakia.....	5,051	5,713	7,402	8,045
East Germany.....	5,032	6,087	7,987	8,854
Hungary.....	1,571	2,383	2,771	2,969
Poland.....	6,599	9,573	12,180	13,986
Romania.....	3,054	5,406	8,127	9,212
Far East				
China.....	12,000	13,900	20,800	29,800
North Korea.....	2,285	2,400	4,000	4,500
North Vietnam.....	408	660	250	180*
Other				
Albania.....	73	134	340	N.A.
Cuba.....	813	801	742	1,485
Yugoslavia.....	2,398	3,102	4,398	5,750

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> All types of hydraulic cements used in construction.<sup>2</sup> Excluding natural cement.<sup>3</sup> Including data for West Berlin.

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Table 131  
Production of Total Grain <sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	181.25	183.46	186.68	227.96
Australia.....	10.66	9.44	12.39	9.43
Canada.....	25.39	30.68	26.88	33.43
Japan.....	20.18	18.24	17.00	15.41
Spain.....	7.27	8.82	10.03	12.02
Turkey.....	12.09	12.64	13.68	15.11
European Community.....	68.8	81.0	87.9	103
France.....	23.01	28.96	31.59	39.65
Italy.....	11.98	14.50	16.13	16.26
United Kingdom.....	9.46	13.62	13.00	15.27
West Germany.....	15.06	13.47	16.79	19.98
Other Countries				
Argentina.....	11.32	14.41	16.05	20.16
Brazil.....	14.84	18.30	21.55	19.31
India.....	68.47	65.60	94.03	88.95
Communist Countries				
USSR and Eastern Europe.....	141	153	205	207
USSR <sup>3</sup> .....	93	100	150	134
Eastern Europe.....	48.3	53.1	54.7	72.9
Bulgaria <sup>4</sup> .....	4.80	5.19	6.70	8.04
Czechoslovakia.....	5.74	5.24	7.20	8.65
East Germany <sup>5</sup> .....	6.38	6.73	6.46	8.50
Hungary <sup>4</sup> .....	6.82	7.37	7.49	10.65
Poland <sup>5 6</sup> .....	14.78	16.00	16.26	20.50
Romania <sup>4</sup> .....	9.77	12.60	10.57	16.60
Far East				
China <sup>7</sup> .....	160	190 to 195	220 to 225	210 to 215
North Korea <sup>8</sup> .....	3.80*	4.50*	5.00*	5.20*
North Vietnam <sup>9</sup> .....	4.52	5.00	4.90	4.90
Other				
Albania <sup>4 5</sup> .....	0.22	0.34	0.56	N.A.
Cuba <sup>10</sup> .....	0.41	0.08	0.30	N.A.
Yugoslavia <sup>4</sup> .....	10.86	10.55	11.57	12.72

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for the following products, where they are produced: barley, corn, oats, rice, rye, and wheat.

<sup>2</sup> Including sorghum for grain.

<sup>3</sup> Including miscellaneous grains and pulses.

<sup>4</sup> Excluding rice.

<sup>5</sup> Including miscellaneous grains.

<sup>6</sup> Excluding corn.

<sup>7</sup> Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.

<sup>8</sup> Including soybeans and tubers on a straight weight basis.

<sup>9</sup> Unhusked or paddy rice and corn, expressed in terms of paddy equivalent.

<sup>10</sup> Data reflect only rice production and government collections of corn; total production is considerably higher.

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Table 132

## Production of Breadgrain (Wheat and Rye)

Million Metric Tons

	1960	1965	1970	1972
OECD				
United States.....	37.71	36.65	37.72	42.86
Australia.....	7.47	7.08	7.91	6.50
Canada.....	14.37	18.10	9.59	14.86
Spain.....	3.90	5.06	4.32	4.77
Turkey.....	7.65	8.13	8.68	10.20
European Community.....	33.5	39.3	38.1	44.5
France.....	11.46	15.17	13.23	17.98
Italy.....	6.89	9.86	9.76	9.47
United Kingdom.....	3.06	4.19	4.25	4.78
West Germany.....	8.74	7.09	8.19	9.36
Other Countries				
Argentina.....	4.70	6.32	5.10	8.85
India <sup>1</sup> .....	10.32	12.29	20.69	26.48
Communist Countries				
USSR and Eastern Europe.....	84.1	92.5	117	113
USSR.....	59.80	62.70	90.50	76.30
Eastern Europe.....	24.3	29.8	26.6	36.5
Bulgaria.....	2.46	2.97	3.06	3.58
Czechoslovakia.....	2.40	2.81	3.63	4.48
East Germany.....	3.58	3.71	3.62	4.68
Hungary.....	2.12	2.73	2.87	4.29
Poland.....	10.18	11.54	10.04	13.40
Romania.....	3.55	6.06	3.40	6.10
Other				
Albania.....	0.07	0.13	0.23	N.A.
Yugoslavia.....	3.80	3.62	3.92	4.96

<sup>1</sup> Wheat only.

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Table 133

## Production of Coarse Grains (Barley, Corn, and Oats)

Million Metric Tons

	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	141.07	143.35	145.20	181.23
Canada.....	11.02	12.58	17.20	18.57
Spain.....	3.00	3.40	5.31	6.90
Turkey.....	4.30	4.35	4.76	4.67
European Community.....	34.5	41.1	49.0	57.3
Denmark <sup>2</sup> .....	3.48	4.00	5.44	6.19
France.....	11.44	13.70	18.26	21.60
Italy.....	4.48	4.13	5.56	5.88
United Kingdom <sup>2</sup> .....	6.40	9.42	8.75	10.49
West Germany.....	6.32	6.38	8.60	10.62
Other Countries				
Argentina.....	6.47	7.92	10.66	10.96
Brazil.....	9.08	11.42	13.50	12.90
India.....	6.80	7.28	10.20	7.00
Mexico.....	5.63	8.21	9.05	8.28
South Africa.....	5.42	5.19	8.75	5.14
Communist Countries <sup>3</sup>				
USSR and Eastern Europe.....	57.1	60.1	86.6	92.8
USSR <sup>4</sup> .....	33.1	36.8	58.5	56.4
Eastern Europe.....	24.0	23.3	28.0	36.4
Bulgaria <sup>5</sup> .....	2.34	2.22	3.64	4.46
Czechoslovakia <sup>5</sup> .....	3.34	2.42	3.57	4.17
East Germany.....	2.80	3.02	2.84	3.82
Hungary <sup>5</sup> .....	4.69	4.54	4.62	6.36
Poland <sup>2</sup> .....	4.58	4.47	6.21	7.10
Romania <sup>5</sup> .....	6.22	6.49	7.17	10.50
Far East				
North Vietnam <sup>6</sup> .....	0.21	0.20	0.24	0.24
Other				
Albania.....	0.14	0.21	N.A.	N.A.
Cuba <sup>6 7</sup> .....	0.10	0.02	0.01	0.01
Yugoslavia <sup>5</sup> .....	7.06	6.94	7.64	7.75

<sup>1</sup> Including sorghum for grain.<sup>2</sup> Excluding corn.<sup>3</sup> Unless otherwise indicated, data include miscellaneous grains.<sup>4</sup> Including pulses.<sup>5</sup> Excluding miscellaneous grains.<sup>6</sup> Corn only.<sup>7</sup> Data reflect government collections only; total production is considerably higher.

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Table 134

Production of Rice <sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States.....	2,476	3,460	3,758	3,858
Japan.....	16,074 <sup>2</sup>	15,511 <sup>2</sup>	15,861	14,715
European Community.....	725	607	920	976
Italy.....	622	509	819	900
Other Countries				
Bangladesh.....	14,665	15,975	16,950	14,895
Brazil.....	5,392 <sup>2</sup>	6,600	6,315	5,711
Burma.....	7,575	8,055	8,128	7,600
India.....	51,348 <sup>2</sup>	46,029 <sup>2</sup>	63,736	55,472
Indonesia.....	12,849	13,700	23,064	18,769
South Korea.....	3,127	4,767	5,571	5,342
South Vietnam.....	4,955	4,822	5,715	6,215
Communist Countries				
USSR and Eastern Europe.....	266	581	1,210	1,480
USSR.....	140	480	1,030	1,310
Eastern Europe.....	126	101	176	173
Bulgaria.....	32	34	66	55
Hungary.....	45	21	45	61
Romania.....	49	46	65	57
Far East				
North Vietnam.....	4,212	4,600	4,500	4,500
Other				
Albania.....	5	10	15	N.A.
Cuba.....	306	50	291	N.A.
Yugoslavia.....	22	25	32	18

<sup>1</sup> Rough, or paddy, rice. Data refer to crops harvested in the last half of the year stated combined with crops harvested in the first half of the following year.

<sup>2</sup> Estimated from planted acreage.

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Table 135

Production of Potatoes<sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD.....	96.6	82.1	84.2	75.9
United States.....	11.68	13.15	14.78	13.36
Canada.....	2.06	2.11	2.50	1.88
Japan.....	3.59	4.06	3.61	3.02
Spain.....	4.62	4.00	5.42	5.10
Turkey.....	1.40	1.68	1.92	2.00
European Community.....	61.3	47.5	46.1	42.1
France.....	15.89	11.07	8.87	8.47
Italy.....	3.82	3.55	3.67	3.30
Netherlands.....	3.97	3.24	5.65	5.58
United Kingdom.....	7.27	7.58	7.48	6.41
West Germany.....	24.54	18.09	16.25	15.04
Other Countries				
Argentina.....	1.86	2.49	2.34	1.34
Brazil.....	1.11	1.25	1.58	1.72
Communist Countries				
USSR and Eastern Europe.....	148	152	169	149
USSR.....	84.37	88.68	96.78	77.80
Eastern Europe.....	63.9	63.2	72.0	70.8
Bulgaria.....	0.48	0.28	0.37	0.38
Czechoslovakia.....	5.09	3.68	4.79	5.00
East Germany.....	14.82	12.86	13.05	12.30
Hungary.....	2.66	1.48	1.43	1.31
Poland.....	37.86	42.66	50.30	48.70
Romania.....	3.01	2.20	2.06	3.14
Far East				
North Vietnam <sup>2</sup> .....	0.92	1.97	1.88	1.88
Other				
Albania.....	0.02	0.02	0.15	N.A.
Cuba <sup>3</sup> .....	0.09	0.08	0.09	N.A.
Yugoslavia.....	3.27	2.38	2.96	2.32

<sup>1</sup> Unless otherwise indicated, data are for Irish potatoes.<sup>2</sup> Sweet potatoes and manioc.<sup>3</sup> Data reflect government collections only; the total production is considerably higher.

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Table 136

Production of Meat<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States.....	12,795	14,304	16,447	16,804
Australia.....	1,359	1,743	1,940	2,319
Canada <sup>2</sup> .....	1,114	1,327	1,480	1,548
Japan <sup>2</sup> .....	322	640	920	1,073
Spain <sup>2</sup> .....	554	608	954	950
European Community.....	10,200	11,900	13,160	13,400
Denmark <sup>2</sup> .....	766	753	911	938
France <sup>2</sup> .....	2,613	3,241	2,992	3,034
Italy <sup>2</sup> .....	1,104	1,085	1,363	1,455
Netherlands <sup>2</sup> .....	704	794	1,014	1,027
United Kingdom.....	1,718	2,019	2,121	2,137
West Germany <sup>2</sup> .....	2,617	3,074	3,590	3,574
Other Countries				
Argentina.....	2,263	2,445 <sup>2</sup>	3,096 <sup>2</sup>	2,586 <sup>2</sup>
Brazil.....	1,872	2,039 <sup>2</sup>	2,562 <sup>2</sup>	2,749 <sup>2</sup>
Mexico.....	655	812 <sup>2</sup>	999 <sup>2</sup>	979 <sup>2</sup>
New Zealand.....	748	797	999	979
Communist Countries				
USSR and Eastern Europe.....	12,100	14,000	16,800	18,700
USSR <sup>3</sup> .....	8,682	9,956	12,273	13,584
Eastern Europe.....	3,380	4,040	4,490	5,070
Bulgaria.....	174	278	266	300
Czechoslovakia.....	483	599	638	700
East Germany.....	730	886	994	1,100
Hungary <sup>4</sup> .....	430	476	525	640
Poland <sup>5</sup> .....	1,148	1,334	1,478	1,650
Romania.....	414	462	590	680
Other				
Albania.....	20	20	N.A.	N.A.
Yugoslavia <sup>4</sup> .....	522	639	703	710

<sup>1</sup> Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>2</sup> Including horsemeat.

<sup>3</sup> Including horsemeat, rabbit, poultry, game, edible offal, and lard.

<sup>4</sup> Including horsemeat and live exports.

<sup>5</sup> Including horsemeat and edible offal.

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Table 137

Production of Milk <sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States.....	55,702	56,324	53,053	54,557
Canada.....	8,385	8,328	8,307	8,033
European Community.....	83,500	88,400	91,200	95,600
France.....	22,652	26,771	27,276	29,200
Italy.....	9,648	9,184	9,243	9,600
Netherlands.....	6,838	7,142	8,239	9,073
United Kingdom.....	12,670	11,386 <sup>2</sup>	12,389 <sup>2</sup>	13,601 <sup>2</sup>
West Germany.....	19,250	21,253	21,856	21,489
Communist Countries				
USSR and Eastern Europe.....	88,800	101,000	116,000	118,000
USSR.....	61,718	72,563	83,016	83,227
Eastern Europe.....	27,100	28,700	32,700	34,300
Bulgaria.....	744	1,000	1,250	1,310
Czechoslovakia <sup>3</sup> .....	3,830	3,924	4,794	5,120
East Germany <sup>4</sup> .....	5,730	6,371	7,091	7,515
Hungary <sup>3</sup> .....	1,957	1,762	1,861	1,836
Poland.....	12,488	13,330	14,935	15,550
Romania.....	2,356	2,302	2,752	2,960
Other				
Albania.....	44	47	N.A.	N.A.
Cuba.....	742	620	400	625
Yugoslavia.....	2,280	2,303	2,567	2,550

<sup>1</sup> Whole milk from cows.<sup>2</sup> Total sales off-farm.<sup>3</sup> Including milk sucked by young animals.<sup>4</sup> In terms of 3.5% butterfat content.

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Table 138

Production of Sugar <sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	3,637	4,871	5,327	5,510
Australia <sup>3</sup> .....	1,441	2,073	2,507	2,869
European Community.....	7,630	7,600	8,650	10,000
France.....	2,267	2,377	2,694	2,913
Italy.....	998	1,241	1,202	1,195
United Kingdom.....	800	973	925	895
West Germany.....	1,877	1,601	2,056	2,265
Other Countries <sup>3</sup>				
Brazil.....	3,319	4,614	5,019	5,870
India.....	2,814	3,493	4,634	3,295
Mexico.....	1,530	2,107	2,402	2,440
Philippines.....	1,398	1,659	1,980	1,830
South Africa.....	952	1,014	1,649	2,111
Communist Countries				
USSR and Eastern Europe.....	11,100	16,200	15,300	14,100
USSR <sup>4</sup> .....	6,916	11,997	11,110	9,676
Eastern Europe.....	4,210	4,240	4,160	4,460
Bulgaria <sup>4</sup> .....	186	342	403	308
Czechoslovakia <sup>4</sup> .....	958	874	951	800
East Germany <sup>4</sup> .....	739	619	587	700
Hungary <sup>4</sup> .....	414	465	304	323
Poland.....	1,484	1,505	1,509	1,829
Romania <sup>4</sup> .....	425	437	409	500
Far East				
China <sup>2</sup> .....	920	1,500	1,700	2,100
Other				
Albania.....	15	16	N.A.	N.A.
Cuba <sup>5</sup> .....	5,862	6,220	8,530	4,200
Yugoslavia.....	289	363	385	364

<sup>1</sup> Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92% of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

<sup>2</sup> Including cane sugar.

<sup>3</sup> Cane sugar only.

<sup>4</sup> Including raw cane sugar imported for refining.

<sup>5</sup> Raw cane sugar of 96° polarization. Crop years ending 30 June of the stated year.

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Table 139

Fish Catch <sup>1</sup>

Thousand Metric Tons

	1960	1965	1970	1971
OECD				
United States.....	2,815	2,696	2,755	2,767
Canada.....	934	1,262	1,389	1,289
Japan.....	6,193	6,908	9,315	9,894
Norway.....	1,543	2,312	2,980	3,075
Spain.....	970	1,340	1,499	1,613
European Community.....	3,580	4,110	4,520	4,600
Denmark.....	581	841	1,226	1,401
France.....	734	768	764	742
United Kingdom.....	924	1,047	1,099	1,107
West Germany.....	674	633	613	508
Other Countries				
Chile <sup>2</sup> .....	340	708	1,181	1,494
India.....	1,161	1,331	1,746	1,745
Peru.....	3,569	7,632	12,613	10,611
South Africa.....	864	1,239	1,555	1,084
Communist Countries				
USSR and Eastern Europe.....	3,900	6,400	8,860	8,900
USSR <sup>3</sup> .....	3,541	5,774	7,887	7,845
Eastern Europe.....	358	627	977	1,060
Bulgaria <sup>4</sup> .....	8	17	84	97
Czechoslovakia.....	9	11	13	14
East Germany.....	114	229	319	332
Hungary.....	15	25	26	26
Poland.....	187	301	473	512
Romania.....	25	44	62	75
Far East				
North Korea.....	465	785	N.A.	N.A.
Other				
Albania.....	3	4	N.A.	N.A.
Cuba.....	31	40	106	140
Yugoslavia.....	31	42	46	49

<sup>1</sup> Unless otherwise indicated, data are in terms of live weight for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

<sup>2</sup> Including quantities landed by foreign fishing craft in Chilean ports.

<sup>3</sup> Including aquatic mammals.

<sup>4</sup> Commercial catch only.

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Table 140

Number of Cattle <sup>1</sup>

Million Head

	1960	1965	1971	1973
OECD.....	221	241	256	270
United States.....	96.24	109.00	114.58	121.99
Australia.....	16.50	18.82	24.37	29.74
Canada.....	10.39	12.13	12.22	12.73
Turkey <sup>2</sup> .....	14.30	14.41	13.87	14.25
European Community.....	65.6	68.0	71.9	74.0
France.....	18.74	20.24	21.74	21.90
Italy <sup>2</sup> .....	9.40	9.23	8.78	8.60
United Kingdom.....	11.48	11.69	12.44	13.75
West Germany.....	12.48	13.05	14.03	13.89
Other Countries				
Argentina.....	43.51	46.79	49.79	54.90
Brazil.....	72.89	84.25	80.00	88.00
Colombia.....	15.10	16.50	20.51	21.42
Mexico.....	17.67	21.98	25.12	26.83
South Africa.....	12.30	12.44	10.04	N.A.
Communist Countries				
USSR and Eastern Europe.....	99.3	114	127	134
USSR.....	74.16	87.17	99.22	114.00
Eastern Europe.....	25.2	26.6	28.1	30.2
Bulgaria.....	1.28	1.47	1.28	1.44
Czechoslovakia.....	4.30	4.44	4.29	4.43
East Germany <sup>3</sup> .....	4.46 <sup>4</sup>	4.68	5.19	5.38
Hungary.....	1.97 <sup>5</sup>	1.94	1.91	1.87
Poland.....	8.70 <sup>6</sup>	9.35	10.22	11.30
Romania.....	4.45	4.76	5.22	5.78
Far East				
North Korea.....	0.67	0.69*	N.A.	N.A.
North Vietnam <sup>2</sup> .....	2.40	2.38	N.A.	N.A.
Other				
Albania <sup>2</sup> .....	0.43	0.43	N.A.	N.A.
Cuba.....	5.76	6.61	N.A.	5.10
Yugoslavia.....	5.30	5.22	5.14	5.30

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.<sup>2</sup> Including buffalo.<sup>3</sup> Unless otherwise indicated, as of 30 November of the previous year.<sup>4</sup> As of 3 December of the previous year.<sup>5</sup> As of March of the stated year.<sup>6</sup> As of 30 June of the stated year.

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Table 141  
Number of Hogs<sup>1</sup>

	Million Head			
	1960	1965	1971	1973
OECD.....	128	131	172	167
United States.....	59.03	50.79	67.43	61.50
Canada.....	6.05	5.60	7.70	7.30
Japan.....	1.92	3.98	6.90	7.43
Spain.....	5.38	4.02	6.92	7.47
European Community.....	44.9	55.4	70.1	69.0
Denmark.....	6.20	8.20	8.73	8.75
France.....	8.36	9.04	11.57	11.52
Italy.....	4.15	5.41	8.98	7.99
United Kingdom.....	6.01	7.94	8.55	8.87
West Germany.....	14.87	18.15	20.97	20.03
Other Countries				
Brazil.....	46.82	58.70	67.00	69.40
Mexico.....	5.99	9.09	11.72	9.40
Philippines.....	8.15	10.51	12.50	13.00
Communist Countries				
USSR and Eastern Europe.....	91.9	97.6	113	121
USSR.....	53.37	52.84	67.48	66.50
Eastern Europe.....	38.5	44.8	45.1	54.1
Bulgaria.....	2.27	2.61	2.37	2.61
Czechoslovakia.....	5.69	6.14	5.53	6.10
East Germany <sup>2</sup> .....	8.28 <sup>3</sup>	8.76	9.68	10.36
Hungary.....	5.36 <sup>4</sup>	7.04	7.31	7.26
Poland.....	12.62 <sup>5</sup>	14.20	13.86	19.00
Romania.....	4.30	6.03	6.36	8.78
Far East				
North Korea.....	1.12	1.21*	N.A.	N.A.
North Vietnam.....	3.63	4.48	N.A.	N.A.
Other				
Albania.....	0.12	0.15	N.A.	N.A.
Cuba.....	1.72	1.75	N.A.	N.A.
Yugoslavia.....	6.21	6.98	6.56	6.28

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the beginning of the year.

<sup>2</sup> Unless otherwise indicated, as of 30 November of the previous year.

<sup>3</sup> As of 3 December of the previous year.

<sup>4</sup> As of March of the stated year.

<sup>5</sup> As of 30 June of the stated year.

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Table 142

Production of Ginned Cotton		Thousand Metric Tons			
	1960	1965	1970	1972	
OECD <sup>1</sup> .....	3,420	3,770	2,790	3,660	
United States.....	3,107.3	3,259.9	2,213.3	2,953.8	
Greece.....	62.7	74.0	110.0	119.8	
Turkey.....	168.7	326.6	399.5	500.8	
Other Countries <sup>1</sup> .....	123.9	104.5	87.1	114.3	
Argentina.....	424.6	544.3	489.9	653.2	
Brazil.....	478.1	518.2	508.4	520.4	
Egypt.....	1,008.0	1,001.5	958.0	1,110.4	
India.....	99.3	140.4	150.2	174.2	
Iran.....	457.2	571.5	313.5	357.1	
Mexico.....	304.4	416.9	528.0	718.5	
Pakistan.....	114.3	163.3	251.7	239.5	
Sudan.....	111.2	179.6	149.1	161.1	
Syria.....					
Communist Countries.....	1,480	1,940	2,360	2,520	
USSR and Eastern Europe.....	1,458.0	1,925.0	2,343.0	2,504.0	
USSR.....	21.1	12.6	12.5	15.0	
Eastern Europe.....	21.1	12.6	12.5	15.0	
Bulgaria.....					
Far East.....	1,280.0	1,500.0	1,660.0	1,200.0	
China.....					
Other.....	5.4	8.1	N.A.	N.A.	
Albania.....	7.2	0.8	N.A.	N.A.	
Cuba.....	2.4	1.7	4.2	3.3	
Yugoslavia.....					

<sup>1</sup> Data are for the crop year beginning 1 August of the stated year.

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Table 143

Production of Wool<sup>1</sup>

	Thousand Metric Tons			
	1960	1965	1970	1972
OECD.....	1,120	1,100	1,170	1,080
United States.....	146.3	109.4	85.1	78.4
Australia.....	740.3	754.2	885.5	807.9
Turkey.....	47.4	43.0	47.5	48.0
Spain.....	38.0	36.2	33.8	26.5
European Community.....	117	119	93.0	94.6
France.....	29.5	27.7	21.0	21.8
Italy.....	13.4	15.5	12.5	12.7
United Kingdom.....	55.0	58.6	44.5	44.0
Other Countries				
Argentina.....	221.1	211.0	199.8	180.0
Brazil.....	23.0	35.5	40.6	42.1
India.....	34.1	35.0	36.0	37.5
New Zealand.....	266.7	315.2	333.9	324.3
South Africa <sup>2</sup> .....	135.7	164.4	126.6	113.5
Uruguay.....	82.0	84.0	78.0	60.0
Communist Countries				
USSR and Eastern Europe.....	427	436	507	507
USSR.....	356.8	356.9	418.9	419.0
Eastern Europe.....	70.2	78.8	88.5	87.7
Bulgaria.....	21.0	25.8	28.8	30.0
Czechoslovakia.....	2.5	2.0	4.0	3.9
East Germany.....	7.7	8.0	7.3	7.6
Hungary.....	8.2	10.1	9.8	8.4
Poland.....	9.0	7.5	8.9	8.6
Romania.....	21.8	25.4	29.7	29.2
Other				
Albania.....	2.7	2.9	N.A.	N.A.
Yugoslavia.....	13.6	12.6	11.9	11.0

<sup>1</sup> Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

<sup>2</sup> Including data for Lesotho and South-West Africa.

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Table 144

Production of Grain Combines <sup>1</sup>

	Units			
	1960	1965	1970	1972
OECD				
United States.....	30,165	38,442	21,017 <sup>2</sup>	21,229 <sup>2,3</sup>
United Kingdom <sup>2</sup> .....	3,213	5,243	2,132	1,905 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	67,000	91,200	103,000	101,000
USSR.....	59,000	85,800	99,200	95,700
Eastern Europe.....	8,040	5,360	4,230	5,300
East Germany.....	1,972	1,585	900	1,400
Poland.....	564	1,781	2,155	1,800
Romania.....	5,500	2,012	1,179	2,100

<sup>1</sup> Tractor-drawn and self-propelled.<sup>2</sup> Shipments.<sup>3</sup> Data are for 1971.

Table 145

Production of Tractors <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States.....	178.5	271.8	191.7	218.2 <sup>2</sup>
European Community				
France.....	63.4	90.0	68.4	56.7
Italy.....	37.6	62.7	83.8	61.4
United Kingdom.....	181.0	178.5 <sup>2</sup>	160.7 <sup>2</sup>	170.1 <sup>2</sup>
West Germany <sup>3</sup> .....	120.7	105.0	105.6	87.2
Communist Countries				
USSR and Eastern Europe.....	308	442	575	596
USSR.....	238.5	354.5	458.5	477.8
Eastern Europe.....	69.0	87.5	117	118
Bulgaria..... <sup>4</sup>	.....	3.8	4.4	4.3
Czechoslovakia.....	32.5	30.5	18.5	22.3
East Germany.....	9.1	12.9	16.1	7.9
Hungary.....	2.6	3.0	1.8	1.2
Poland.....	7.7	21.5	46.8	47.2
Romania.....	17.1	15.8	29.3	34.9
Far East				
China.....	10.8	13.7	24.0	30.8
Other				
Yugoslavia.....	7.3	7.4	12.0	18.4

<sup>1</sup> Physical units. Excluding garden-type tractors.<sup>2</sup> Shipments.<sup>3</sup> Excluding tracklaying tractors.<sup>4</sup> Production began in 1966 but was limited to a test series.

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Table 146

Consumption of Mineral Fertilizers, Nutrient Content  
Kilograms per Hectare of Arable Land <sup>1</sup>

	1960	1965	1970	1971
OECD <sup>2</sup>				
United States.....	38.9	62.7	86.8	87.1
Australia.....	21.2	30.5	21.8	22.1
Canada.....	8.6	17.2	18.4	19.9
Spain.....	31.6	38.0	59.0	67.7
Turkey.....	1.5	5.7	15.8	17.4
European Community				
Belgium.....	360.3	474.9	578.8	573.5
Denmark.....	151.1	182.3	223.2	235.6
France.....	102.4	148.8	241.4	256.1
Ireland.....	124.8	172.1	364.2	365.2
Italy.....	51.5	70.7	89.6	97.1
Luxembourg.....	223.8	289.0	386.9	418.8
Netherlands.....	456.1	580.8	749.3	693.5
United Kingdom.....	183.3	206.5	258.4	256.6
West Germany.....	266.2	349.3	399.8	408.6
Other Countries <sup>2</sup>				
India.....	2.3	4.7	13.2	15.9
Communist Countries <sup>3</sup>				
USSR and Eastern Europe				
USSR <sup>4</sup> .....	11.4	27.3	44.4	48.9
Eastern Europe				
Bulgaria.....	33.8	79.1	141.1	140.4
Czechoslovakia <sup>2 4</sup> .....	91.4	166.3	240.5	252.3
East Germany <sup>2</sup> .....	197.4	262.7	323.2	333.4 <sup>4</sup>
Hungary.....	29.5	63.2	149.6	170.5
Poland <sup>2</sup> .....	49.0	83.1	167.8	188.6 <sup>4</sup>
Romania.....	8.1	25.4	56.5	60.2
Far East				
China.....	6.7*	14.2*	32.4*	36.7*
North Korea.....	66.5*	81.5*	165.0*	182.5*
Other				
Albania.....	N.A.	16.0	84.7	88.3
Yugoslavia.....	27.9	54.8	78.8	83.5

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards.

<sup>2</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>3</sup> Unless otherwise indicated, data are for calendar years.

<sup>4</sup> Including phosphate rock.

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Table 147

## Consumption of Nitrogen Fertilizers, Nutrient Content

Thousand Metric Tons of N

	1960	1965	1970	1971
OECD <sup>1</sup>				
United States.....	2,749	4,832	7,379	7,372
Japan.....	753	775	876	872
Spain.....	275	385	578	667
European Community.....	2,450	3,580	4,940	5,140
France.....	565	871	1,453	1,498
Italy.....	323	462	594	625
United Kingdom.....	463	690	801	930
West Germany.....	618	874	1,131	1,131
Other Countries <sup>1</sup>				
India.....	296	541	1,487	1,756
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	1,640	3,920	7,510	8,230
USSR.....	769	2,282	4,605	5,182
Eastern Europe.....	868	1,640	2,900	3,050
Bulgaria.....	101	219	379	322
Czechoslovakia <sup>1</sup> .....	146	246	419	419
East Germany <sup>1</sup> .....	247	421	526	577
Hungary.....	75	180	391	394
Poland <sup>1</sup> .....	274	433	822	907
Romania.....	25	144	367	431
Far East				
China.....	545*	1,190*	2,980*	3,420*
North Korea.....	111*	120*	280*	310*
Other				
Albania.....	5	2	27	29
Yugoslavia.....	109	166	294	333

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.<sup>2</sup> Unless otherwise indicated, data are for calendar years.

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Table 148

Consumption of Phosphorus Fertilizer, Nutrient Content

Thousand Metric Tons of  $P_2O_5$

	1960	1965	1970	1971
OECD <sup>1</sup>				
United States.....	2,488	3,522	4,358	4,330
Australia.....	572	954	743	775
Canada.....	169	333	326	340
Japan.....	491	546	656	664
Spain.....	279	306	432	466
European Community.....	2,740	3,440	4,350	4,520
France.....	877	1,259	1,809	1,932
Italy.....	379	453	518	575
United Kingdom.....	426	422	543	512
West Germany.....	652	819	913	935
Other Countries <sup>1</sup>				
Brazil.....	77	87	377	447
India.....	56	134	462	565
New Zealand.....	225	342	321	347
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	1,830	3,370	5,170	5,540
USSR <sup>3</sup> .....	1,074	2,097	3,129	3,376
Eastern Europe.....	757	1,280	2,040	2,160
Bulgaria.....	50	132	235	266
Czechoslovakia <sup>1,4</sup> .....	159	255	350	358
East Germany <sup>1</sup> .....	226	302	404	386 <sup>4</sup>
Hungary.....	66	124	217	251
Poland <sup>1</sup> .....	209	354	635	719 <sup>4</sup>
Romania.....	47	110	203	180
Far East				
China.....	155*	325*	465*	474*
North Korea.....	22*	43*	50*	55*
Other				
Albania.....	2	5	18	18
Yugoslavia.....	71	151	182	175

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for calendar years.

<sup>3</sup> Data are for soluble phosphorus fertilizers and for ground phosphate rock used for direct application.

<sup>4</sup> Including phosphate rock.

Table 149  
Consumption of Potassium Fertilizer, Nutrient Content  
Thousand Metric Tons of K<sub>2</sub>O

	1960	1965	1970	1971
OECD <sup>1</sup>				
United States.....	1,967	2,922	3,839	3,918
Japan.....	600	607	610	583
Spain.....	95	92	206	262
European Community.....	2,850	3,330	3,990	4,130
France.....	750	970	1,389	1,506
Italy.....	104	168	225	250
United Kingdom.....	450	436	535	496
West Germany.....	1,006	1,190	1,185	1,234
Other Countries <sup>2</sup>				
Brazil.....	106 <sup>3</sup>	100	306	351
India.....	28	90	228	302
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	1,830	3,460	5,100	5,650
USSR.....	766	1,891	2,574	2,804
Eastern Europe.....	1,070	1,570	2,930	2,850
Bulgaria.....	6	10	25	48
Czechoslovakia <sup>1</sup> .....	191	395	514	569
East Germany <sup>1</sup> .....	528	588	623	639
Hungary.....	27	53	229	309
Poland <sup>1</sup> .....	311	516	1,114	1,263
Romania.....	3	12	24	22
Far East				
China.....	10*	5*	15*	25*
North Korea.....	....	Negl.*	Negl.*	Negl.*
Other				
Albania.....	1	1	2	2
Yugoslavia.....	103	138	156	162

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

<sup>2</sup> Unless otherwise indicated, data are for fertilizer years.

<sup>3</sup> Data are for calendar year.

<sup>4</sup> Unless otherwise indicated, data are for calendar years.



# TRANSPORTATION



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Table 150

Railroad Freight <sup>1</sup>

Billion Metric Ton-Kilometers

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	868.47	1,052.72	1,141.04	1,180.00
Canada <sup>2</sup> .....	95.55	127.09	157.97	179.41
Japan.....	53.44	57.30	63.42	59.90
European Community.....	168	175	199	183
France.....	56.93	64.60	70.40	68.50
Italy <sup>3</sup> .....	15.86	15.29	17.13	16.96
United Kingdom <sup>4</sup> .....	30.50 <sup>5 6</sup>	25.23	26.81	20.00
West Germany.....	52.27	57.13	70.27	64.20
Other Countries				
India <sup>5 6</sup> .....	87.76	117.00	120.94	130.00
South Africa <sup>5 7</sup> .....	30.80	42.73	57.18	59.19
Communist Countries				
USSR and Eastern Europe.....	1,690	2,180	2,770	3,060
USSR.....	1,504.30	1,950.20	2,494.70	2,760.80
Eastern Europe.....	182	230	274	300
Bulgaria.....	6.98	10.78	13.86	15.83
Czechoslovakia.....	43.90	53.25	55.91	60.28
East Germany.....	32.83	38.87	41.51	44.78
Hungary.....	13.31	17.28	19.81	20.05
Poland.....	66.55	81.01	99.26	109.78
Romania.....	18.83	28.70	43.72	49.40
Far East				
China.....	247	213	298	373
North Korea.....	9.10	10.50	14.30	15.10

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Excluding livestock.

<sup>4</sup> Excluding data for Northern Ireland.

<sup>5</sup> Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

<sup>6</sup> Including service traffic.

<sup>7</sup> Including South-West Africa.

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Table 151  
Railroad Freight <sup>1</sup>

	Million Metric Tons			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	1,180.5	1,341.7	1,426.3	1,424.0
Canada <sup>2</sup> .....	161.1	204.4	236.7	241.0
European Community				
France.....	227.0	238.7	260.0	249.0 <sup>3</sup>
United Kingdom <sup>4</sup> .....	253.1 <sup>2</sup>	232.4 <sup>2</sup>	202.0	172.0
West Germany <sup>2 5</sup> .....	429.2	423.1	392.6	362.5 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	2,820	3,520	4,140	4,510
USSR.....	1,884.9	2,415.3	2,896.0	3,171.5
Eastern Europe.....	931	1,100	1,240	1,340
Bulgaria.....	38.4	56.0	68.2	72.9
Czechoslovakia.....	194.1	218.5	237.6	259.5
East Germany.....	237.8	260.4	262.9	274.4
Hungary <sup>6</sup> .....	96.0	114.0	117.4	118.7
Poland.....	286.9	341.3	382.3	415.9
Romania.....	77.5	114.4	171.3	198.0
Far East				
China.....	510	440	615	770
North Korea.....	38.5	52.5	68.0	72.0

<sup>1</sup> Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States are in tons originated, thus giving a more realistic comparison with European methods of reporting.

<sup>2</sup> Including secondary or private railroads operating as common carriers.

<sup>3</sup> Data are for 1971.

<sup>4</sup> Including data for Northern Ireland.

<sup>5</sup> Including service traffic.

<sup>6</sup> Including performance of railroads owned jointly by Hungary and Austria within Hungary.

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Table 152  
Motor Vehicle Freight

	Million Metric Ton-Kilometers			
	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	473,000	589,000	676,000	730,000
Japan.....	20,800	48,400	136,000	151,000
Communist Countries <sup>2</sup>				
USSR and Eastern Europe.....	120,000	175,000	280,000	332,000
USSR.....	98,520	143,083	220,800	261,800
Eastern Europe.....	21,000	32,400	58,800	70,300
Bulgaria.....	2,039	3,821	7,902	8,879
Czechoslovakia.....	5,108	6,975	10,094	11,900
East Germany.....	5,002	7,213	12,233	13,643
Hungary.....	1,580	2,726	5,820	6,800
Poland.....	5,692	8,376	15,761	21,125
Romania.....	1,600	3,270	6,973	8,000
Far East				
China.....	N.A.	N.A.	N.A.	12,500
North Korea.....	552	765*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Total traffic for all urban streets and rural roads.

<sup>2</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 153  
Motor Vehicle Freight <sup>1</sup>

	Million Metric Tons Carried			
	1960	1965	1970	1972
Communist Countries				
USSR and Eastern Europe.....	9,990	13,000	18,000	21,100
USSR.....	8,492.7	10,746.0	14,622.8	17,111.0
Eastern Europe.....	1,490	2,230	3,330	3,960
Bulgaria.....	128.3	281.3	492.8	573.0
Czechoslovakia.....	428.4	577.7	703.3	819.5
East Germany.....	270.3	345.8	464.0	517.8
Hungary.....	135.1	239.2	407.0	438.9
Poland.....	408.2	569.4	862.6	1,146.7
Romania.....	123.0	218.0	399.6	467.0
Far East				
China.....	N.A.	N.A.	N.A.	356.0
North Korea.....	78.6	116.0*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

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Table 154

## Inland Water Freight

Million Metric Ton-Kilometers

	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	123,000	162,553	229,209	248,000
European Community				
France.....	10,773	12,510	14,183	13,773 <sup>2</sup>
Netherlands.....	20,020	24,070	30,743	30,429 <sup>2</sup>
West Germany.....	40,390	43,308	48,813	44,991 <sup>2</sup>
Communist Countries				
USSR and Eastern Europe.....	107,000	143,000	186,000	192,000
USSR.....	99,602	133,928	173,984	180,200
Eastern Europe.....	7,320	9,070	11,600	12,300
Bulgaria.....	615	1,062	1,832	2,072
Czechoslovakia.....	1,962	2,172	2,434	2,626
East Germany.....	1,901	1,859	2,114	2,012
Hungary.....	1,078	1,344	1,596	1,750
Poland.....	904	1,409	2,295	2,525
Romania.....	865	1,222	1,346	1,300

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1971, coastwise and foreign trade traffic within US waters together amounted to 69 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 104 billion metric ton-kilometers of domestic trade and 50 billion metric ton-kilometers of US foreign trade.

<sup>2</sup> Data are for 1971.

Table 155

## Inland Water Freight

Million Metric Tons Carried

	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	358.56	428.63	502.22	518.00
European Community				
France.....	68.05	89.76	110.35	106.60 <sup>2</sup>
Netherlands.....	149.67	193.99	241.44	245.46 <sup>2</sup>
West Germany.....	171.36	195.69	240.00	229.98 <sup>2</sup>
Communist Countries				
USSR and Eastern Europe.....	234	297	395	435
USSR.....	210.32	269.44	357.76	395.30
Eastern Europe.....	23.8	27.6	36.8	39.8
Bulgaria.....	1.56	2.32	3.69	3.90
Czechoslovakia.....	3.53	4.06	4.46	4.87
East Germany.....	11.50	11.30	13.66	13.24
Hungary.....	2.30	2.40	2.80	2.90
Poland.....	2.95	4.68	8.84	10.87
Romania.....	1.91	2.87	3.40	4.00

<sup>1</sup> Internal, intraport, and local water traffic, excluding Great Lakes traffic.

<sup>2</sup> Data are for 1971.

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Table 156  
Air Passenger Traffic

	Billion Passenger-Kilometers			
	1960	1965	1970	1972
OECD				
United States <sup>1</sup> .....	62.54	110.52	211.97	245.27
Canada.....	4.27	7.56	15.40	15.46 <sup>2</sup>
Japan.....	1.05	4.59	16.43	16.50 <sup>2</sup>
European Community				
France.....	5.23	7.51	13.59	14.02 <sup>2</sup>
United Kingdom <sup>3</sup> .....	7.32	12.49	18.95	20.35 <sup>2</sup>
Communist Countries				
USSR.....	12.10	38.10	78.20	95.90

<sup>1</sup> Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Including data for airlines based in UK territories and dependencies.

Table 157

Air Freight<sup>1</sup>

	Million Metric Ton-Kilometers			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	1,377	3,363	7,277	8,022
Canada.....	66	155	425	486 <sup>3</sup>
Japan.....	24	114	426	512 <sup>3</sup>
European Community				
France.....	152	232	542	556 <sup>3</sup>
Netherlands.....	117	212	393	428 <sup>3</sup>
United Kingdom.....	181	370	608	656 <sup>3</sup>
West Germany.....	41	157	523	574 <sup>3</sup>
Communist Countries				
USSR.....	563	1,338	1,887	2,189

<sup>1</sup> Express, freight, and mail traffic.

<sup>2</sup> Revenue ton-kilometers flown on scheduled service of certificated route air carriers.

<sup>3</sup> Data are for 1971.

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Table 158

Ocean Freight <sup>1</sup>

Million Metric Ton-Kilometers

	1960	1965	1970	1972
Communist Countries				
USSR and Eastern Europe.....	188,000	501,000	921,000	N.A.
USSR <sup>2</sup> .....	131,500	388,800	656,100	698,200
Eastern Europe.....	56,700	113,000	264,900	N.A.
Bulgaria <sup>3</sup> .....	2,540	9,064	38,949	35,260
Czechoslovakia.....	7,472	8,261	10,502	12,157 <sup>4</sup>
East Germany <sup>3</sup> .....	10,518	30,204	69,721	70,636
Hungary <sup>5</sup> .....	230	338	1,120	N.A.
Poland <sup>3 6</sup> .....	34,828	56,381	106,620	151,098
Romania.....	1,065	8,368	37,420	42,579 <sup>4</sup>
Far East				
North Korea <sup>7</sup> .....	135	283*	N.A.	N.A.
Other				
Albania <sup>3</sup> .....	269	977	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons.<sup>2</sup> Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.<sup>3</sup> Including coastal traffic.<sup>4</sup> Data are for 1971.<sup>5</sup> Including Danube River traffic.<sup>6</sup> Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972 there were 16 of these ships, totaling 200,525 deadweight tons.<sup>7</sup> Including both modern coastal and inland water traffic.

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Table 159

## Petroleum Pipeline Transportation

Billion Metric Ton-Kilometers

	1960	1965	1970	1972
United States.....	333.8	447.3	629.2	667.2
Communist Countries				
USSR and Eastern Europe.....	N.A.	155	300	397
USSR.....	51.2	146.7	281.7	375.8
Eastern Europe.....	N.A.	7.9	18.1	21.3
Czechoslovakia.....	N.A.	3.2	6.4	7.5
East Germany.....	....	0.1	2.2	2.5 <sup>1</sup>
Hungary.....	0.1	0.3	0.7	1.1
Poland.....	N.A.	3.2	7.0	8.0
Romania.....	1.0	1.1	1.8	2.2 <sup>1</sup>

<sup>1</sup> Data are for 1971.

Table 160

## Petroleum Pipeline Transportation

Billion Metric Tons Carried

	1960	1965	1970	1972
United States <sup>1</sup> .....	414.7	554.9	784.6	805.0
Communist Countries				
USSR and Eastern Europe.....	N.A.	254	402	465
USSR.....	129.9	225.7	339.9	388.4
Eastern Europe.....	N.A.	28.1	61.7	76.8
Czechoslovakia.....	N.A.	7.0	13.4	17.0
East Germany.....	....	3.8	15.3	17.6 <sup>2</sup>
Hungary.....	1.2	3.8	6.3	9.2
Poland.....	N.A.	6.1	15.4	19.5
Romania.....	5.6	7.4	11.3	13.5

<sup>1</sup> Data are for tons originated, thus giving a more realistic comparison with the Communist countries.<sup>2</sup> Data are for 1971.UNCLASSIFIED  
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Table 161  
Production of Mainline Locomotives <sup>1</sup>

	Units			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	886	1,703	1,113	N.A.
European Community				
France.....	311	293	203	156
Italy <sup>3 4</sup> .....	150	141	53	140
West Germany.....	1,231	947	402	465
Communist Countries <sup>5</sup>				
USSR and Eastern Europe				
USSR.....	1,699	2,126	1,808	1,839
Eastern Europe				
Czechoslovakia.....	290	481	500	500
East Germany.....	5	240	150	N.A.
Hungary <sup>6</sup> .....	....	57	52	N.A.
Poland <sup>6</sup> .....	182	391	426	385
Romania.....	10 <sup>7</sup>	110 <sup>7</sup>	265	286
Far East				
China <sup>8</sup> .....	600	50	280	220*
North Korea <sup>3</sup> .....	....	21*	25*	30*

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more.

<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>3</sup> Electric locomotives only.

<sup>4</sup> Production for the government only. Data include rail motor vehicles.

<sup>5</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.

<sup>6</sup> Excluding narrow-gauge locomotives.

<sup>7</sup> Diesel locomotives only.

<sup>8</sup> Including steam locomotives through 1970. Steam locomotive production was phased out in 1971. Production of diesel locomotives began in 1965.

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Table 162  
Production of Mainline Diesel Locomotives

	1960	1965	1970	Units 1972
OECD <sup>1</sup>				
United States <sup>2</sup> .....	885	1,793	1,113	N.A.
European Community				
France.....	143	209	152	60
West Germany.....	1,110	681	300	350
Communist Countries <sup>3</sup>				
USSR and Eastern Europe				
USSR.....	1,303	1,485	1,485	1,488
Eastern Europe				
Czechoslovakia.....	121	237	351	340
East Germany.....	3	185	128	N.A.
Hungary.....	....	40	30	N.A.
Poland.....	144	319	351	300
Romania.....	10	110	231	249
Far East				
China.....	....	30*	180*	220*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Including diesel and diesel-electric locomotives of 1,000 horsepower or more.

<sup>2</sup> Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

<sup>3</sup> Including diesel and diesel-electric locomotives of 750 horsepower or more.

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Table 163

Production of Mainline Electric Locomotives <sup>1</sup>

	Units			
	1960	1965	1970	1972
OECD				
United States.....	1	....	....	....
European Community				
France.....	168	84	51	96
Italy <sup>2</sup> .....	150	141	53	140
West Germany.....	121	266	102	115
Communist Countries				
USSR and Eastern Europe				
USSR.....	396	641	323	351
Eastern Europe				
Czechoslovakia.....	169	244	149	160
East Germany.....	2	55	22	N.
Hungary <sup>3</sup> .....	....	17	22	N.A.
Poland <sup>3</sup> .....	28	72	75	85
Romania.....	N.A.	N.A.	34	37
Far East				
China.....	2*	....	5*	5*
North Korea.....	....	21*	25*	30*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.<sup>2</sup> Production for the government only. Data include rail motor vehicles.<sup>3</sup> Excluding narrow-gauge locomotives.

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Table 164

Production of Railroad Freight Cars <sup>1</sup>

Thousand Units

	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	57.31	77.90	66.18	47.46
European Community				
France.....	7.93	15.04	14.23	20.41
West Germany.....	6.63	11.31	9.60	7.00
Other Countries				
India.....	11.90	33.50	11.98	10.37
Communist Countries				
USSR and Eastern Europe.....	64.9	73.1	97.4	109
USSR.....	36.40	39.60	58.28	68.90
Eastern Europe.....	28.5	33.5	39.2	39.9
Bulgaria.....	2.01	1.58	1.99	1.88
Czechoslovakia.....	5.15	4.30	4.35	4.70
East Germany.....	2.38	2.17	5.71	4.40
Hungary.....	0.45	0.55	0.50	0.40
Poland.....	13.89	16.29	15.46	16.00
Romania.....	4.62	8.58	11.16	12.50
Far East				
China.....	23.0	6.6	12.0	15.0
North Korea.....	0.6*	1.6*	3.5*	4.4*
Other				
Yugoslavia.....	3.42	4.85	2.61	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Units of two, four, or more axles. The majority of the production now consists of four-axle units.<sup>2</sup> Shipments.

Table 165

Inventory of Civil Aircraft <sup>1</sup>

Units

	1960	1965	1970	1972
United States <sup>2</sup>				
Jet.....	202	725	2,136	2,118
Turboprop.....	230	312	374	318
Transport helicopters <sup>3</sup> .....	N.A.	N.A.	180	185
USSR				
Jet.....	190*	230*	440*	628*
Turboprop.....	180*	560*	1,190*	1,297*
Transport helicopters <sup>3</sup> .....	225*	630*	900*	1,150*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are as of the end of the year and exclude light aircraft.<sup>2</sup> Including all aircraft that perform commercial for-hire operations.<sup>3</sup> Capacity of 12 or more passengers.

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Table 166

Inventory of Mainline Locomotives <sup>1</sup>

	Units			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	31,178	30,061	29,122	29,300
Austria.....	1,482	1,398	1,338	1,324 <sup>3</sup>
Spain.....	3,637	3,385	1,978	1,757 <sup>3</sup>
Sweden.....	1,885	1,655	1,669	1,619 <sup>3</sup>
Switzerland.....	1,100	1,192	1,402	1,439 <sup>3</sup>
European Community.....	43,000	32,400	25,400	24,900 <sup>3</sup>
France.....	7,963	7,360	6,072	6,028 <sup>3</sup>
Italy.....	5,282	4,470	3,871	3,855 <sup>3</sup>
United Kingdom.....	16,047	8,107	4,458	4,080 <sup>3</sup>
West Germany.....	10,442	9,592	8,536	8,483 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	55,800*	49,800*	48,500*	47,500*
USSR.....	34,000	26,900	28,900	30,200
Eastern Europe.....	21,800*	22,900*	19,600*	17,300*
Bulgaria.....	635*	730*	680*	620*
Czechoslovakia.....	5,230	5,520	4,595	4,200
East Germany.....	6,000*	6,000*	5,000*	4,600*
Hungary.....	2,460*	2,550*	2,030*	1,600*
Poland.....	5,800	6,330	5,800	5,150
Romania.....	1,720*	1,780*	1,500*	1,100*
Far East				
China.....	5,900*	5,400*	5,900*	6,100*
North Korea.....	350*	395*	490*	530*
North Vietnam.....	70*	120*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Data are as of the end of the year.<sup>2</sup> Data include secondary or private railroads operating as common carriers.<sup>3</sup> Data are for 1971.

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Table 167

Inventory of Railroad Freight Cars <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States <sup>2,3</sup> .....	1,945.7	1,806.2	1,803.7	1,740.0
European Community				
France.....	362.2	362.3	302.4	304.6 <sup>4</sup>
United Kingdom <sup>3,5</sup> .....	956.0	605.6	384.2	317.2 <sup>4</sup>
West Germany.....	309.6	329.5	325.2	332.6 <sup>4</sup>
Communist Countries				
USSR and Eastern Europe				
USSR.....	949.0	1,030.0	1,140.0	1,220.0
Eastern Europe				
Bulgaria.....	22.0	33.0	37.8	40.8
Czechoslovakia.....	129.3	136.1	135.8	133.2
East Germany.....	154.3	152.0	150.0	152.0
Hungary.....	62.0	73.4	71.4	71.5
Poland.....	249.0	263.9	274.3	283.9
Romania.....	55.5	68.6	86.0	92.0
Far East				
China <sup>6</sup> .....	132*	143*	175* <sup>7</sup>	197* <sup>7</sup>
North Korea <sup>6</sup> .....	10.4*	15.2*	23.8*	31.0*
North Vietnam.....	1.0*	1.6*	N.A.	N.A.

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year.<sup>2</sup> Units of four or more axles.<sup>3</sup> Including secondary or private railroads operating as common carriers.<sup>4</sup> Data are for 1971.<sup>5</sup> Excluding privately owned tank cars and including data for Northern Ireland.<sup>6</sup> The majority are four-axle units.<sup>7</sup> Including Chinese freight cars in transit or on loan to North Vietnam.

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Table 168

Inventory of Civilian Trucks <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	11,329	14,035	17,789	20,000
Canada.....	1,039	1,206	1,440	N.A.
European Community				
France.....	1,597	2,134	2,678	2,849 <sup>3</sup>
United Kingdom <sup>4 5</sup> .....	1,442	1,710	1,621	1,624 <sup>3</sup>
West Germany <sup>6</sup> .....	687	975	1,141	1,204 <sup>3</sup>
Communist Countries				
USSR and Eastern Europe.....	3,590	4,590	5,730	6,570
USSR.....	3,100	3,900	4,700	5,400
Eastern Europe.....	489	690	1,030	1,170
Bulgaria.....	68	95	115	125
Czechoslovakia.....	90	122	199	250
East Germany.....	132	166	229	260
Hungary.....	26	42	86	90
Poland.....	120	183	263	292
Romania.....	53	82	139	150
Far East				
China <sup>7</sup> .....	154*	230*	434*	590*
North Korea <sup>7</sup> .....	17	30*	53*	73*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage and exclude military trucks of all types.<sup>2</sup> Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.<sup>3</sup> Data are for 1971.<sup>4</sup> Including data for Northern Ireland.<sup>5</sup> As of 1 October of the stated year.<sup>6</sup> As of 1 July of the stated year.<sup>7</sup> Including both military and civilian trucks.

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Table 169

Inventory of Merchant Fleet<sup>1</sup>

	1960		1965		1970		1972	
	Number	Thousand GRT <sup>2</sup>	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD <sup>3</sup> .....	13,006	92,100	12,400	104,000	12,100	131,000	12,000	152,000
United States <sup>3</sup> .....	2,960	23,870	2,449	21,203	1,780	16,918	1,233	13,467
Greece <sup>4</sup> .....	530	4,095	880	6,980	1,137	10,645	1,463	14,796
Japan.....	985	6,030	1,301	9,771	1,996	22,324	2,217	30,154
Norway.....	1,346	10,708	1,372	14,937	1,164	18,326	1,190	22,205
Sweden.....	567	3,449	457	3,979	379	4,617	345	5,264
European Community.....	5,630	39,800	4,970	42,200	4,630	51,600	4,460	58,000
France.....	635	4,472	561	4,790	462	6,063	448	7,282
Italy.....	669	4,758	590	5,246	619	6,680	623	7,359
United Kingdom.....	2,446	19,370	2,056	19,680	1,786	23,194	1,686	26,341
West Germany.....	869	4,137	833	4,865	936	6,941	885	7,816
Other Countries <sup>2</sup>								
Liberia.....	946	11,308	1,240	17,424	1,754	32,406	2,101	43,056
Panama.....	520	4,196	547	4,393	615	5,615	805	6,819
Communist Countries								
USSR and Eastern Europe.....	1,020*	4,220*	1,660*	8,960*	2,320*	13,900*	2,470*	15,300*
USSR <sup>5</sup> .....	829*	3,283*	1,284*	6,906*	1,793*	10,450*	1,904*	11,256*
Eastern Europe.....	189	932	376	2,060	530*	3,470*	570*	4,000*
Bulgaria <sup>6</sup> .....	15	46	61	381	102*	634*	99*	665*
Czechoslovakia <sup>7</sup> .....	11	85	10	74	12*	98*	13*	117*
East Germany.....	29	174	95	593	126*	936*	133*	1,021*
Hungary.....	8	10	16	20	16*	28*	18*	33*
Poland <sup>8</sup> .....	119	585	164	865	227*	1,443*	250*	1,773*
Romania.....	7	32	30	124	47*	345*	57*	395*
Far East								
North Korea.....	....	....	2	3	5*	17*	7*	30*
North Vietnam.....	....	....	2*	5*	6*	14*	6*	14*
Other								
Albania <sup>9</sup> .....	4	8	8	33	11*	54*	11*	54*
Cuba <sup>10</sup> .....	28	89	29	128	52*	315*	63*	371*
Yugoslavia <sup>10</sup> .....	130	617	174	933	190*	1,472*	194*	1,530*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the non-Communist countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.<sup>2</sup> Data are as of midyear.<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.<sup>6</sup> Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.<sup>7</sup> Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.<sup>8</sup> Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1972, there were 16 of these ships, totaling 149,300 GRT.<sup>9</sup> Except for 1960, data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1972 there were three of these ships, totaling 27,007 GRT.<sup>10</sup> Data are as of midyear for 1960 and 1965.

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Table 170

Inventory of Tanker Fleet <sup>1</sup>

	1960		1965		1970		1972	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD <sup>2</sup> .....	2,460	28,800	2,350	36,600	2,480	52,800	2,640	65,600
United States <sup>3</sup> .....	428	4,910	351	4,762	301	4,652	283	4,700
Greece <sup>4</sup> .....	57	798	114	1,753	200	3,879	245	5,227
Japan.....	124	1,444	222	3,592	356	8,519	419	12,402
Norway.....	508	6,215	478	8,312	355	8,952	370	10,796
Spain.....	51	413	66	618	106	1,421	107	1,772
Sweden.....	100	1,244	76	1,321	79	1,659	80	2,114
European Community.....	1,140	13,200	957	15,400	973	22,400	1,020	27,100
Denmark.....	64	822	56	972	56	1,340	59	1,745
France.....	142	1,837	156	2,302	140	3,537	134	4,575
Italy.....	147	1,587	146	1,951	188	2,397	205	3,150
Netherlands.....	115	1,348	94	1,535	92	1,998	88	1,954
United Kingdom.....	607	6,869	440	7,517	431	11,127	445	13,455
West Germany.....	47	564	47	835	52	1,364	70	1,918
Other Countries <sup>2</sup>								
Liberia.....	408	7,179	507	10,701	718	19,100	797	24,840
Panama.....	183	2,445	145	2,429	174	3,377	192	3,746
Communist Countries								
USSR and Eastern Europe.....	140*	923*	234*	2,500*	342*	3,640*	360*	3,810*
USSR <sup>5</sup> .....	128*	820*	205*	2,204*	307*	3,166*	323*	3,262*
Eastern Europe.....	12	103	29	300	35*	473*	37*	544*
Bulgaria.....	2	10	12	118	17*	165*	18*	203*
Czechoslovakia.....	1	13	....	....	....	....	....	....
East Germany.....	4	33	10	94	9*	176*	12*	232*
Poland.....	5	47	5	63	5*	63*	4*	52*
Romania.....	....	....	2	25	4*	69*	3*	57*
Far East								
North Vietnam.....	....	....	....	....	3*	8*	3*	8*
Other								
Cuba <sup>6</sup> .....	2	3	2	5	5*	31*	7*	53*
Yugoslavia <sup>6</sup> .....	6	40	11	64	17*	228*	17*	230*

\* An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Tankers and whaling tankers of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year.<sup>2</sup> Data are as of midyear.<sup>3</sup> Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>4</sup> Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."<sup>5</sup> Excluding the Caspian Sea Fleet and including tankers assigned to the Ministry of the Fishing Industry.<sup>6</sup> Data are as of midyear for 1960 and 1965.

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Table 171

Military Capacities of Selected Ports  
Unloading Capacity in Metric Tons, Based on a 20-Hour Day

Non-Communist Countries

Algeria		Ghana		New Zealand	
Algiers.....	34,600	Takoradi.....	10,100	Auckland.....	37,400
Oran.....	19,000	Greece		Wellington.....	36,400
Angola		Piraeus.....	41,100	Nigeria	
Lobito.....	5,100	Guinea		Lagos.....	14,800
Argentina		Conakry.....	7,300	Port Harcourt.....	5,000
Buenos Aires.....	116,200	Hong Kong.....	33,800	Norway	
Australia		India		Bergen.....	26,300
Brisbane.....	37,300	Bombay.....	65,000	Oslo.....	43,400
Fremantle.....	18,200	Calcutta.....	30,000	Pakistan	
Melbourne.....	61,100	Cochin.....	8,800	Karachi.....	26,000
Newcastle.....	9,100	Madras.....	15,700	Peru	
Sydney.....	76,600	Vishakhapatnam.....	13,000	Callao.....	27,300
Bangladesh		Indonesia		Philippines	
Chalna (anchorage only).....	300	Surabaya.....	31,300	Manila (Luzon I.).....	42,800
Chittagong.....	9,300	Tandjungpriok.....	37,000	Portugal	
Belgium		Iran		Lisbon.....	48,000
Antwerp.....	249,300	Abadan.....	5,300	Republic of South Africa	
Ghent.....	82,800	Khorramshahr.....	9,000	Capetown.....	30,400
Brazil		Iraq		Durban.....	47,800
Rio de Janeiro.....	51,500	Basra.....	10,200	East London.....	10,500
Santos.....	30,300	Ireland		Port Elizabeth.....	13,200
Burma		Dublin.....	25,400	Saudi Arabia	
Rangoon.....	13,100	Israel		Jeddah.....	7,100
Cambodia		Eilat.....	4,500	Ras Tanura.....	7,100
Kompong Som.....	4,900	Haifa.....	12,200	Senegal	
Canada		Italy		Dakar.....	36,400
Halifax.....	41,200	Genoa.....	83,300	Singapore	
Montreal.....	91,400	Naples.....	31,500	Singapore.....	38,600
Vancouver.....	42,700	Trieste.....	50,000	Somalia	
Chile		Japan		Berbera.....	2,000
Antofagasta.....	10,100	Kobe.....	162,500	Chisimaio.....	2,500
Valparaiso.....	13,100	Moji.....	20,300	Mogadiscio.....	500
Colombia		Nagasaki.....	13,700	South Korea	
Barranquilla.....	6,100	Osaka.....	139,200	Inchon.....	12,200
Buenaventura.....	6,100	Tokyo.....	26,400	Pusan.....	48,300
Cartagena.....	8,500	Yokohama.....	167,600	South Vietnam	
Congo		Jordan		Saigon.....	14,800
Pointe Noire.....	7,800	Al Aqabah.....	3,000	Spain	
Cyprus		Kenya		Barcelona.....	37,400
Famagusta.....	5,100	Mombasa.....	10,800	Sri Lanka	
Limassol.....	1,000	Lebanon		Colombo.....	27,400
Denmark		Beirut.....	12,700	Sudan	
Copenhagen.....	89,300	Libya		Port Sudan.....	10,000
Ecuador		Benghazi.....	5,600	Sweden	
Guayaquil.....	6,500	Tripoli.....	11,200	Goteborg.....	79,200
Egypt		Malaysia		Malmo.....	50,000
Alexandria.....	47,300	Penang.....	14,100	Stockholm.....	72,100
Port Said.....	32,800	Port Swettenham.....	6,400	Syria	
Port Suez.....	22,000	Morocco		Latakia.....	6,700
Finland		Casablanca.....	25,800	Taiwan	
Helsinki.....	27,400	Mozambique		Kao-hsiung.....	25,200
Turku.....	15,200	Beira.....	8,300	Kee-lung.....	18,800
France		Lourenco Marques.....	12,300	Tanzania	
Dunkirk.....	42,400	Netherlands		Dar es Salaam.....	5,900
Le Havre.....	66,700	Amsterdam.....	97,500	Thailand	
Marseille.....	82,000	Rotterdam.....	225,000	Bangkok.....	12,400
Rouen.....	43,400				

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

ALL DATA IN THIS TABLE ARE CONFIDENTIAL

Table 171 (Continued)

**Military Capacities of Selected Ports**  
**Unloading Capacity in Metric Tons, Based on a 20-Hour Day (Continued)**

**Non-Communist Countries (Continued)**

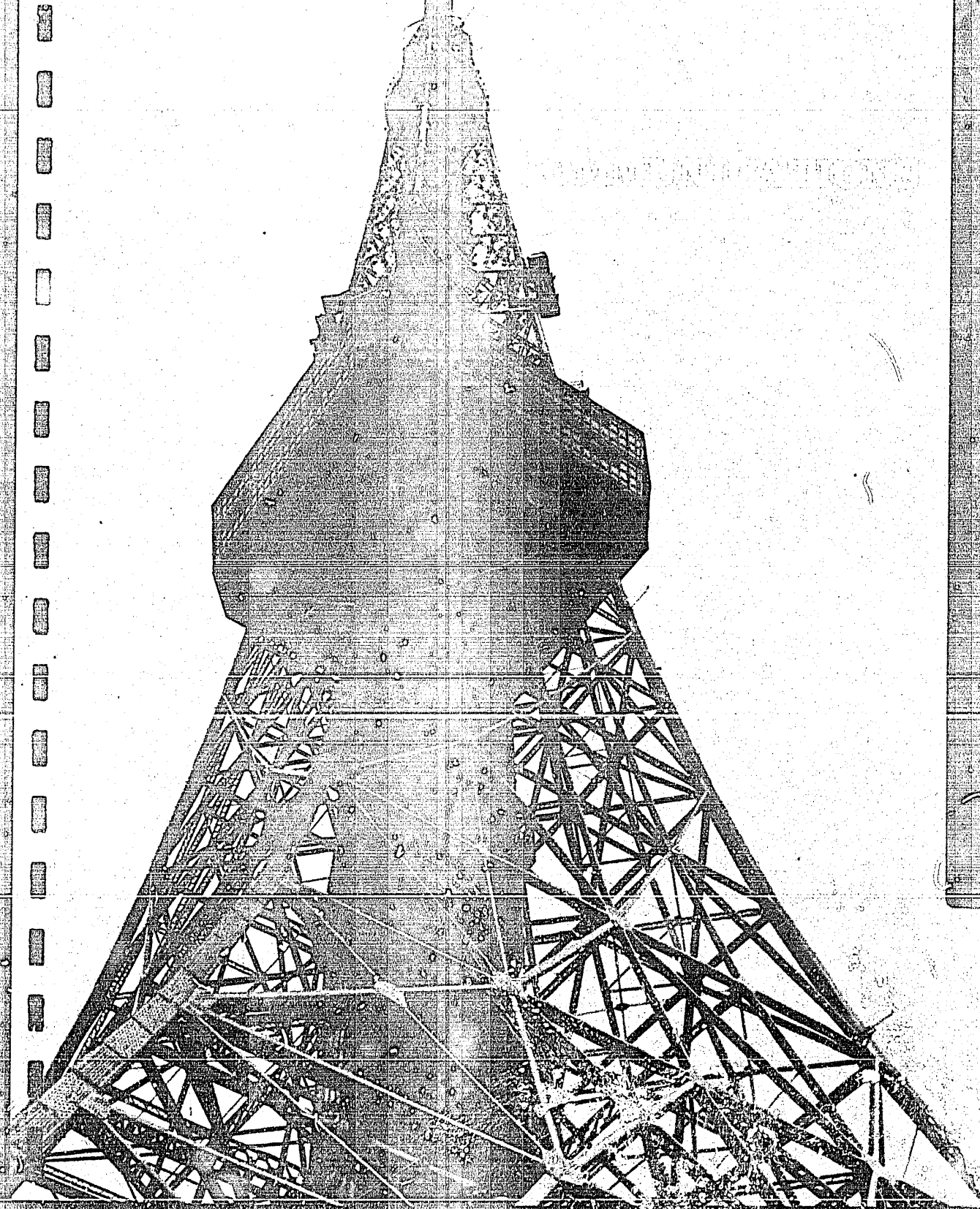
Tunisia					
Tunis (including La Goulette)...	12,200	United Kingdom (Continued)		Uruguay	
Turkey		Dundee.....	11,800	Montevideo.....	18,200
Istanbul.....	25,400	Glasgow.....	53,200	West Germany	
United Kingdom		Liverpool.....	188,500	Bremen.....	76,900
Belfast.....	22,600	London.....	184,000	Bremerhaven.....	74,700
Cardiff.....	33,100	Manchester.....	70,900	Hamburg.....	157,400
		Southampton.....	33,500	Zaire	
				Matadi.....	8,400

**Communist Countries**

Albania		East Germany		USSR	
Durres.....	5,100	Rostock.....	48,800	Arkhangel'sk.....	66,000
Bulgaria		Wismar.....	15,200	Il'ichevsk.....	17,000
Varna.....	22,400	North Korea		Leningrad.....	55,400
China		Chongjin.....	27,400	Liyepaya.....	19,000
Canton.....	8,000	Hungnam.....	7,200	Murmansk.....	38,600
Dairen.....	43,700	Najin.....	18,300	Nakhodka.....	36,600
Fort Bayard (Chan Chiang)		Nampo.....	2,700	Nikolayev.....	18,600
(Tsam Kong).....	6,000	North Vietnam		Novorossiysk.....	32,600
Shanghai.....	70,500	Cam Pha.....	1,200	Odessa.....	38,000
Whampoa.....	9,900	Haiphong.....	5,500	Riga.....	28,400
		Hon Gay.....	1,200	Tallin.....	39,800
Cuba		Poland		Vladivostok.....	27,500
Cienfuegos.....	5,900	Gdansk.....	52,800		
Havana.....	38,700	Gdynia.....	63,000	Yugoslavia	
Marief.....	4,500	Stettin.....	63,000	Ploce.....	9,400
Santiago.....	11,600	Romania		Rijeka.....	30,500
		Constanta.....	31,700	Split.....	29,800

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Table 172

Telephones in Use <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD.....	124,000	168,000	233,000	249,000 <sup>2</sup>
United States.....	74,342	93,656	120,218	124,665 <sup>2</sup>
Australia.....	2,216	2,811	3,913	4,152 <sup>2</sup>
Canada.....	5,728	7,456	9,752	10,290 <sup>2</sup>
Japan.....	5,526	13,999	26,233	29,828 <sup>2</sup>
Spain.....	1,792	2,788	4,604	5,130 <sup>2,3</sup>
Sweden.....	2,761	3,573	4,506	4,680 <sup>2</sup>
Switzerland.....	1,659	2,259	3,026	3,213 <sup>2</sup>
European Community.....	26,500	37,200	54,500	59,400 <sup>2</sup>
France.....	4,358	6,117	8,774	9,546 <sup>2</sup>
Italy.....	3,861	5,981	9,369	10,322 <sup>2</sup>
Netherlands.....	1,613	2,382	3,410	3,721 <sup>2</sup>
United Kingdom.....	8,270 <sup>4</sup>	10,704 <sup>4</sup>	14,961 <sup>4</sup>	16,143 <sup>2</sup>
West Germany.....	5,994	8,802	13,835	15,246 <sup>2</sup>
Communist Countries <sup>5</sup>				
USSR and Eastern Europe.....	6,680	13,300	21,100	24,600
USSR <sup>6</sup> .....	2,697	7,700	13,500	16,100
Eastern Europe.....	3,980	5,560	7,580	8,480
Bulgaria.....	172	279	473	582
Czechoslovakia <sup>7</sup> .....	1,016	1,491	2,003	2,232
East Germany.....	1,292	1,659	2,089	2,252
Hungary.....	418	528	712	796
Poland.....	881	1,294	1,867	2,082
Romania <sup>7</sup> .....	201	306	440	533
Other				
Albania.....	7	11	I.A.	N.A.
Cuba.....	200	231	291	275
Yugoslavia.....	260	415	736	926

<sup>1</sup> Unless otherwise indicated, data are as of the end of the year and are for both private and public telephone in use that can be connected to a central exchange.

<sup>2</sup> Data are as of the beginning of the year.

<sup>3</sup> Including Spanish North Africa.

<sup>4</sup> Data are as of 31 March of the following year.

<sup>5</sup> Telephones operated by the various civil departments of post and telecommunications and, unless otherwise indicated, excluding telephones serviced by other functional ministries and the military.

<sup>6</sup> Beginning in 1965, data include telephones used by the functional ministries and exclude those used by the military.

<sup>7</sup> Telephone subscribers.

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Table 173

Production of Semiconductors <sup>1</sup>

	Million Units			
	1960	1965	1970	1972
OECD				
United States <sup>2</sup> .....	313.3	1,520.4	3,075.7	3,860.9
Japan.....	206.4	721.6	3,892.5	4,636.2
Communist Countries				
USSR and Eastern Europe.....	55.0*	405*	1,360*	1,910*
USSR.....	55.0*	350.0*	1,100.0*	1,500.0*
Eastern Europe.....	Negl.*	55.3*	256*	409*
Bulgaria.....	Negl.*	1.5*	30.0*	40.0*
Czechoslovakia.....	Negl.*	8.4*	40.0*	76.0*
East Germany.....	Negl.*	24.0*	110.0*	176.0*
Hungary.....	Negl.*	7.7*	35.0*	46.0*
Poland.....	Negl.*	7.7	26.5	39.0
Romania.....	Negl.*	6.0*	15.0*	32.0*

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Semiconductor diodes; rectifiers; transistors; and, in 1972, integrated circuits.

<sup>2</sup> Excluding the production by large US firms for their own use, which is not reported in statistical data.

Table 174

Radio Receivers in Public Use <sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD				
United States.....	168,300	242,000	336,000	368,600
Canada.....	1,050	12,000	15,890	16,850 <sup>2</sup>
Japan.....	12,410	20,425	57,000	60,000 <sup>2</sup>
European Community				
France <sup>3</sup> .....	10,981	15,336	15,995	16,025 <sup>2</sup>
Italy <sup>3</sup> .....	8,005	10,724	11,702	12,068 <sup>2</sup>
West Germany <sup>3</sup> .....	15,892	26,000	19,622	N.A.
Other Countries				
India <sup>3</sup> .....	2,148	5,401	11,747	N.A.
Mexico.....	3,300	8,593	14,005	N.A.
Communist Countries <sup>4</sup>				
USSR and Eastern Europe.....	44,400	57,200	68,800	74,200
USSR.....	27,811	38,228	48,600	53,200
Eastern Europe.....	16,600	19,000	20,200	21,000
Bulgaria.....	869	1,400	1,555	1,521
Czechoslovakia <sup>3</sup> .....	3,104	3,100	3,174	3,120
East Germany <sup>3</sup> .....	5,574	5,743	5,985	6,058
Hungary <sup>3</sup> .....	1,969	2,321	2,530	2,542
Poland.....	3,796	4,537	4,698	5,476
Romania <sup>3</sup> .....	1,283	1,920	2,241	2,330
Far East				
China.....	N.A.	N.A.	14,000*- 15,000*	16,000*- 17,000*
Other				
Albania.....	54	82	N.A.	N.A.
Yugoslavia <sup>3</sup> .....	1,562	2,783	3,400	3,540

\*An asterisk indicates that the data are CONFIDENTIAL.

<sup>1</sup> Data are as of the end of the year.

<sup>2</sup> Data are for 1971.

<sup>3</sup> Radio subscribers.

<sup>4</sup> Excluding wired loudspeakers.

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Table 175

Television Receivers in Public Use<sup>1</sup>

	Thousand Units			
	1960	1965	1970	1972
OECD.....	92,700	146,000	198,000	238,000
United States.....	57,100	71,400	92,700	111,300
Canada.....	3,930	5,310	7,100	9,060
Japan <sup>2</sup> .....	6,860	17,960	22,658	27,327
Spain.....	250	1,750	4,115	5,200
European Community.....	21,800	42,500	60,500	72,000
France <sup>2</sup> .....	1,902	6,489	10,968	13,526
Italy <sup>2</sup> .....	2,124	6,045	9,717	11,800
United Kingdom <sup>2</sup> .....	11,076	13,516	16,316	16,931
West Germany <sup>2</sup> .....	4,635	11,379	16,750	21,300
Other Countries				
Brazil.....	1,200	2,500	6,100	7,600
Communist Countries				
USSR and Eastern Europe.....	7,210	24,600	50,900	64,600
USSR.....	4,788	15,693	34,800	45,600
Eastern Europe.....	2,420	8,920	16,100	19,000
Bulgaria.....	3	185	1,028	1,286
Czechoslovakia.....	795	2,113	3,091	3,286
East Germany.....	1,035	3,216	4,499	4,848
Hungary.....	104	831	1,768	2,085
Poland.....	426	2,078	4,215	5,497
Romania.....	55	501	1,484	1,955
Other				
Yugoslavia <sup>2</sup> .....	30	577	1,796	2,350

<sup>1</sup> Data are as of the end of the year and include monochrome and color television receivers.<sup>2</sup> Television subscribers.

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## Conversion Factors

To Convert From	To	Multiply By
Acres.....	Hectares.....	0.40468564
Acres.....	Kilometers, square.....	0.00046856
Acres.....	Meters, square.....	4,046.856
Acres.....	Miles, square.....	0.0015625
Feet.....	Meters.....	0.30480061
Feet, cubic.....	Meters, cubic.....	0.028317
Feet, cubic.....	Tons, register.....	0.01
Feet, square.....	Meters, square.....	0.09290341
Gallons, US liquid.....	Meters, cubic.....	0.0037854
Gallons, US liquid.....	Inches, cubic.....	231
Gallons, US liquid.....	Feet, cubic.....	0.1336816
Gallons, US liquid.....	Liters.....	3.785306
Hectares.....	Acres.....	2.471054
Hectares.....	Kilometers, square.....	0.01
Hectares.....	Miles, square.....	0.00386101
Kilometers.....	Miles, US nautical.....	0.539957
Kilometers.....	Miles, US statute.....	0.621371
Kilometers, square.....	Acres.....	247.1054
Kilometers, square.....	Hectares.....	100
Kilometers, square.....	Miles, square.....	0.386101
Meters.....	Feet.....	3.280840
Meters.....	Yards.....	1.093613
Meters, cubic.....	Tons, register.....	0.353147
Meters, cubic.....	Feet, cubic.....	35.314667
Meters, cubic.....	Gallons, US liquid.....	264.17205
Meters, square.....	Feet, square.....	10.763910
Meters, square.....	Yards, square.....	1.195991
Miles, US nautical.....	Kilometers.....	1.852
Miles, square.....	Acres.....	640
Miles, square.....	Hectares.....	259
Miles, square.....	Kilometers, square.....	2.59
Miles, US statute.....	Kilometers.....	1.609344
Ounces, troy.....	Grams.....	31.10348
Pounds, avoirdupois.....	Quintals.....	0.00453592
Pounds, avoirdupois.....	Tons, metric.....	0.000453592
Quarts, US dry.....	Liters.....	1.10119
Quarts, US liquid.....	Liters.....	0.946326
Quintals.....	Pounds.....	220.4622
Quintals.....	Tons, metric.....	0.1
Tons, long.....	Tons, metric.....	1.016047
Ton-kilometers, metric.....	Ton-miles, short.....	0.684943
Tons, metric.....	Pounds.....	2,204.622
Tons, metric.....	Quintals.....	10
Tons, metric.....	Tons, long.....	0.984206
Tons, metric.....	Tons, short.....	1.10231
Ton-miles, short.....	Ton-kilometers, metric.....	1.459975
Tons, register.....	Feet, cubic.....	100
Tons, register.....	Meters, cubic.....	2.831685
Tons, short.....	Tons, metric.....	0.907185
Yards.....	Meters.....	0.9144018
Yards, square.....	Meters, square.....	0.836127

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